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FEDERAL MILK ORDER MARKET STATISTICS FOR OCTOBER 1979

HIGHLIGHTS

- Minimum Class I Price, \$13.19; Blend, \$12.53
- Producer Deliveries Up 3.0 Percent
- Producer Milk Used in Class I Up 2.7 Percent
- 57 Percent of Deliveries Used in Class I
- In-Area Fluid Sales (Adjusted) Up 0.2 Percent.

SPECIAL THIS ISSUE

Types of organizations operating fluid milk processing plants
in Federal milk order marketing areas

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
DAIRY DIVISION
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FEDERAL MILK ORDER MARKET STATISTICS

SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of markets	Average number of producers	Producer deliveries		Average daily deliveries	Producer deliveries used in Class I		Class I utilization	Prices per hundredweight	
			Total	Percent change 1/		Total	Percent change 1/		Class I	Blend
			Bil. lbs.		Pounds	Bil. lbs.	Percent		-Dollars-	
1974	61	126,094	67.8	2.3	1,473	39.3	- 3.0	58	9.35	8.36
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36	8.64
1976	50	122,675	74.6	7.4	1,661	41.0	1.9	55	10.70	9.75
1977	47	122,755	77.9	4.8	1,740	41.1	.6	53	10.60	9.70
1978	47	119,398	78.1	.2	1,792	41.1	0	53	11.40	10.56

Year and month	Number of comp. producers	Producer deliveries		Average daily deliveries		Producer deliveries used in Class I		Class I utilization	Prices per hundredweight					
		Total	Percent :change 1/:	Total	Percent :change 1/:	Total	Percent :change 1/:		Class I	Blend	1979	1978	1979	1978
		Bil. lbs.		Mil. lbs.	Pounds	Bil. lbs.		Percent	-----Dollars-----					
1979														
Jan.	47	117,844	6.5	0.2	1,784	3.7	2.1	57	56	12.53	10.90	11.72	10.06	
Feb.	47	116,858	6.0	0	1,830	3.3	.4	55	55	12.70	10.97	11.78	10.13	
Mar.	47	116,891	6.9	.1	1,892	3.6	.2	53	53	12.65	11.02	11.68	10.10	
Apr.	47	116,563	6.9	-	1,964	3.3	- 1.9	48	49	12.62	11.11	11.53	10.10	
May	47	115,948	7.3	1.3	2,023	3.4	- 1.7	47	49	12.69	11.20	11.54	10.12	
June	47	115,691	6.9	1.3	1,995	3.2	- .4	46	47	12.74	11.35	11.60	10.17	
July 3/	47	115,563	6.8	2.8	1,895	3.1	- .1	46	47	12.78	11.36	11.77	10.32	
Aug.	47	116,464	6.6	2.7	1,837	3.4	.7	51	52	12.86	11.36	12.13	10.68	
Sept.	47	116,241	6.3	3.2	1,819	3.4	- 5.0	53	58	12.97	11.42	12.38	10.95	
Oct.	47	116,102	6.5	3.0	1,798	3.7	2.7	57	57	13.19	11.78	12.53	11.27	
Nov.														
Dec.														

1/ Represents changes over the previous year. Percentages computed from unrounded numbers. Data for 1976 adjusted to a 365-day basis before computing percent changes.

2/ Based on comparable markets--orders which were effective entire period, 1978-79, and which have had no significant marketing area changes.

3/ The figures for producer deliveries used in Class I--total and percent change, and Class I utilization, 1979--exclude Lake Mead.

For this market, these data are administratively confidential, as they apply to fewer than three handlers.

4/ Average or total. May not add due to rounding.

SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/		Lowfat and skim milk items 3/		Milk and cream mixtures		Cream items 4/		Total fluid milk and fluid cream items 5/							
		Dispo- sition	Percent	Dispo- sition	Percent	Dispo- sition	Percent	Dispo- sition	Percent	Dispo- sition	Percent						
		Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.						
		Mill. lbs.	Mill. lbs.		Mill. lbs.		Mill. lbs.		Mill. lbs.								
1975	56	28,030	- 0.4	3.37	11,898	9.9	1.46	378	- 2.0	11.0	424	7/	10.9	21.2	41,110	2.6	3.06
1976	50	27,837	- 1.0	3.35	13,015	9.1	1.46	399	5.2	11.0	448		5.3	21.5	42,128	2.2	3.03
1977	47	26,984	- 2.8	3.34	13,978	7.7	1.47	404	1.5	11.0	448		.3	21.4	42,320	.7	2.98
1978	47	26,331	- 2.4	3.33	14,613	4.5	1.47	401	7/ - .8	10.8	447	7/ -	.3	21.3	42,287	- .1	2.94
1979 8/																	
Jan.	46	1,975	- 1.5	3.33	1,287	8.0	1.51	27	1.9	10.9	23		2.4	20.2	3,326	2.0	2.80
Feb.	46	1,747	- 3.3	3.32	1,150	4.6	1.50	25	1.1	10.9	23		- 2.3	20.7	2,960	- .3	2.81
Mar.	46	1,962	- 1.2	3.31	1,294	6.1	1.50	28	.5	10.8	27		-11.4	20.8	3,328	1.4	2.80
Apr.	46	1,765	- 3.9	3.31	1,173	2.4	1.49	26	1.8	10.8	26		7.5	21.2	3,008	- 1.4	2.82
May	46	1,820	- 3.5	3.31	1,213	3.0	1.49	28	.8	10.8	28		- 3.5	21.1	3,109	- 1.0	2.82
June	46	1,711	- 1.5	3.31	1,102	4.2	1.49	28	2.2	10.9	29		2.1	20.8	2,887	.7	2.85
July	46	1,692	- 2.1	3.30	1,068	3.9	1.50	28	.7	10.9	28		4.4	20.7	2,832	.2	2.86
Aug.	46	1,815	- 1.2	3.31	1,161	5.1	1.51	29	3.2	10.9	29		4.6	20.4	3,050	1.2	2.85
Sept.	46	1,763	- 8.2	3.32	1,203	- .6	1.51	26	- 4.6	10.9	25		- .1	20.3	3,031	- 5.2	2.80
Oct.																	
Nov.																	
Dec.																	
Year to date	46	16,249	- 2.9	3.31	10,650	4.1	1.50	245	.9	10.9	239		.2	20.7	27,531	- .3	2.82

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, solids added, and flavored lowfat and skim milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Represents changes over the previous year. Data for 1976 adjusted to a 365-day basis before computing percent changes.

7/ In 1974 and 1978, there were changes in the reporting of the sales of these items. As a result, the percent changes over the previous year are somewhat overstated.

8/ Represents the data for all Federal milk order markets, except for New York-New Jersey.

SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS AND USES 1/

Year and month	Num- ber of mths.	Butter			Cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total 2/		
		Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change
		: 3/	: Bf.	: 3/	: Bf.	: 3/	: Bf.	: 3/	: Bf.	: 3/	: Bf.	: 3/	: Bf.	: 3/	: Bf.	: 3/	: Bf.	: 3/	: Bf.
		Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.		
1975	: 56	984	- 1.4	38.2	11,621	7.4	3.80	2,868	16.5	11.7	4,126	- 1.5	1.11	5,926	- 0.1	.07	31,397	4.2	4.38
1976	: 50	1,043	11.4	40.2	14,961	26.8	3.75	2,874	2.7	12.0	4,187	5.9	1.16	6,480	9.4	.08	35,684	13.1	4.36
1977	: 47	1,248	15.6	38.9	16,634	11.7	3.77	2,932	1.3	11.9	4,083	- 7.1	1.10	7,523	15.9	.09	38,710	8.1	4.34
1978	: 47	1,198	- 6.0	38.0	18,035	8.9	3.78	2,839	- .6	12.2	3,983	- 9.7	1.02	6,553	-12.9	.11	38,721	.8	4.38
1979 4/																			
Jan.	: 46	109	- 6.0	39.9	1,353	10.7	3.89	157	5.4	14.2	249	12.0	1.12	353	-24.0	.11	2,595	2.3	5.11
Feb.	: 46	94	- 6.8	41.0	1,307	10.5	3.87	162	- 2.1	13.5	227	- 1.1	1.05	360	-14.6	.10	2,505	1.4	4.94
Mar.	: 46	97	-12.3	40.0	1,516	6.8	3.80	214	1.3	12.6	273	- 1.6	1.05	469	-13.4	.10	2,989	- .6	4.67
Apr.	: 46	97	- 8.3	38.9	1,602	8.4	3.73	222	- 3.0	12.1	257	.6	1.01	531	-11.6	.08	3,154	1.4	4.40
May	: 46	102	- 3.4	39.9	1,722	6.0	3.63	258	3.9	12.1	298	11.1	1.08	659	- 1.4	.09	3,534	2.8	4.22
June	: 46	86	- 5.2	38.2	1,738	9.0	3.58	265	- 2.4	11.9	264	10.4	1.24	653	- 8.1	.09	3,533	1.7	4.01
July	: 46	75	1.0	38.3	1,648	13.0	3.53	274	8.3	12.1	278	7.4	1.03	572	- 1.9	.08	3,357	7.2	3.99
Aug.	: 46	68	- 1.5	37.3	1,502	13.3	3.56	274	1.6	12.3	285	20.8	1.15	472	- 3.8	.07	3,059	5.4	4.14
Sept.	: 46	69	- 1.7	37.2	1,336	16.7	3.71	210	- 2.6	12.8	250	14.8	1.22	356	- 1.4	.09	2,610	5.8	4.41
Oct.																			
Nov.																			
Dec.																			
Year to:																			
date	: 46	798	- 5.5	39.1	13,725	10.2	3.69	2,036	1.2	12.5	2,382	8.3	1.11	4,425	- 8.6	.09	27,337	2.9	4.40

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products: i.e. evaporated milk; condensed milk; whole milk powder; aerated, frozen, and plastic cream; milk, skim milk and cream used in food products as well as used in animal feed; dumped or spilled; plant loss; and unidentified.

3/ Represents changes over the previous year. These changes are based on pounds of butterfat, except for nonfat dry milk which is based on pounds of skim milk. Data for 1976 adjusted to a 365-day basis before computing percent changes.

4/ Excludes New York-New Jersey.

SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

. Year and month	: Number : of : mkts.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		: Sales	: Percent		: Bf.	: Sales	: Percent		: Bf.	: Sales	: Percent		: Bf.
			: Change 4/	: Adj. 5/			: Change 4/	: Adj. 5/			: Change 4/	: Adj. 5/	
		Mill. lbs.				Mill. lbs.				Mill. lbs.			
1975 6/	55	22,180	- 0.9	- 0.9	3.36	10,757	9.8	9.9	1.49	32,937	2.3	2.4	2.75
1976 7/	48	21,685	- 3.0	- 3.1	3.34	11,640	7.2	7.0	1.50	33,324	.3	.2	2.69
1977 6/	46	22,058	- 3.3	- 3.2	3.34	12,772	6.5	6.6	1.49	34,829	.1	.2	2.66
1978 6/	46	21,545	- 2.5	- 2.2	3.33	13,380	4.4	4.8	1.50	34,926	0	.3	2.63
1979 8/	46	1,903	- 1.0	- 3.6	3.33	1,245	8.3	5.1	1.52	3,148	2.5	- .3	2.61
Jan.	46	1,683	- 2.8	- 2.8	3.33	1,114	5.2	5.2	1.51	2,797	.3	.3	2.60
Feb.	46	1,881	- 1.0	- 1.4	3.32	1,256	6.8	5.4	1.50	3,136	2.0	1.4	2.59
Mar.	46	1,698	- 3.4	- 3.9	3.32	1,137	3.0	3.3	1.49	2,835	- .9	- 1.2	2.59
Apr.	46	1,762	- 3.5	- 3.5	3.31	1,177	3.1	3.5	1.49	2,939	- .9	- .9	2.58
May	46	1,655	- 1.5	- .9	3.31	1,068	4.3	3.6	1.50	2,722	.7	.9	2.60
June	46	1,628	- 2.4	- 2.2	3.32	1,032	4.0	3.8	1.50	2,660	0	.1	2.61
July	46	1,742	- 1.6	- 2.0	3.31	1,118	5.0	4.8	1.51	2,860	.9	.5	2.61
Aug.	46	1,692	- 8.0	- 4.8	3.32	1,159	- .6	4.4	1.52	2,851	- 5.1	- 1.5	2.59
Sept.	46	1,841	- .4	- 2.9	3.32	1,279	8.3	5.1	1.52	3,120	3.0	.2	2.58
Oct.													
Nov.													
Dec.													
Year to date	46	17,484	- 2.5	- 2.8	3.32	11,585	4.8	4.4	1.51	29,069	.2	- .1	2.60

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, solids added, flavored lowfat and skim milk, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same number of comparable markets in both years. Data for 1976 are adjusted to a 365-day basis before computing percent changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS-233, August 1979.

6/ Excludes the New York-New Jersey market.

7/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

8/ Excludes the New York-New Jersey market. Data for current month are estimated.

MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1979

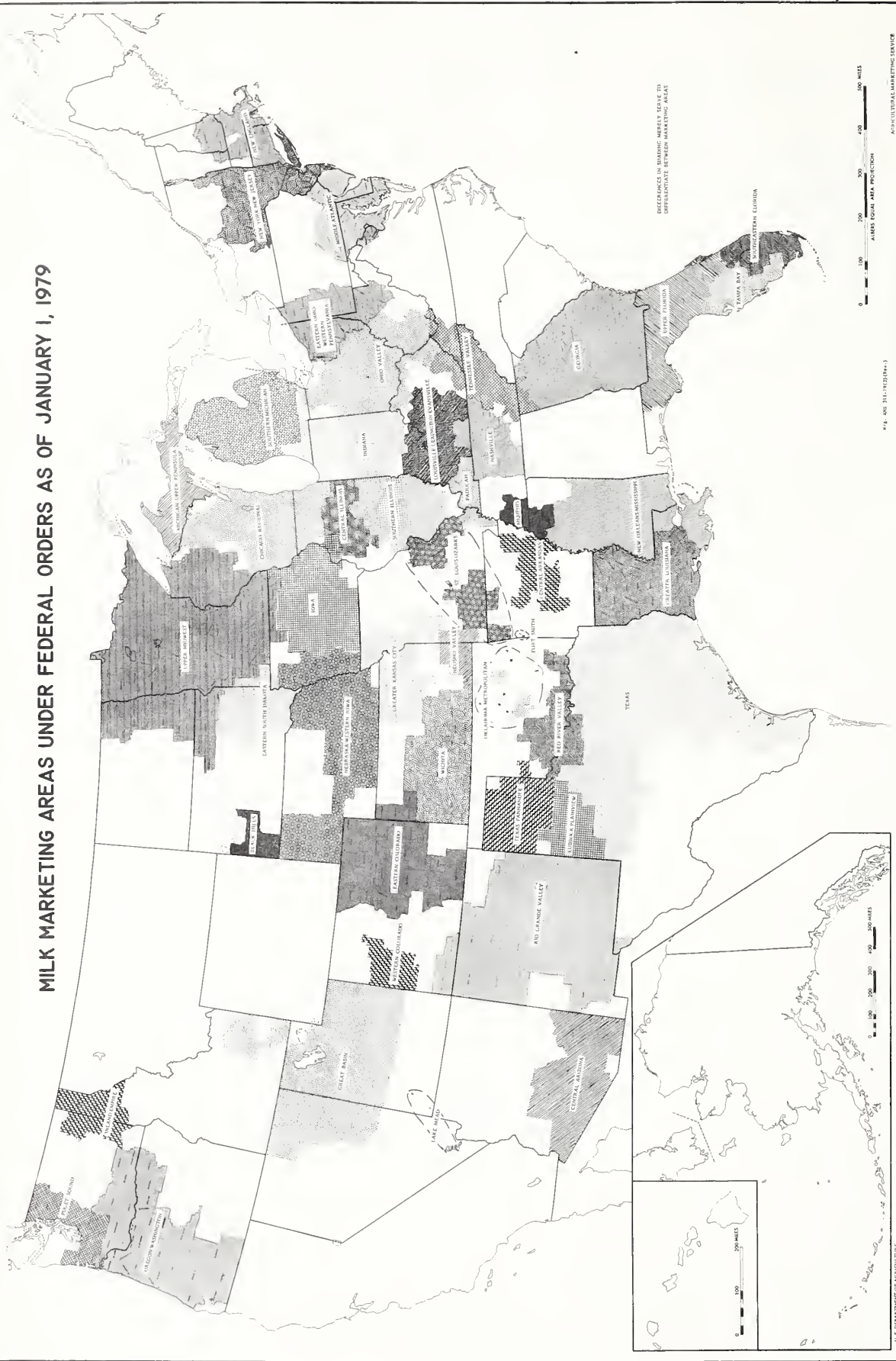


TABLE 1--FEDERAL ORDER FLUID (CLASS 1) DIFFERENTIALS, NOVEMBER 1979, AND MINIMUM FEDERAL ORDER CLASS 1 PRICES, NOVEMBER AND DECEMBER 1979 AND 1978 1/

Federal milk order marketing area	Fluid diff. 2/	Class I price		Federal milk order marketing area	Fluid diff. 2/	Class I price	
		November 1979	December 1978			November 1979	December 1978
Dollars							
NORTH ATLANTIC							
New England	2.92	14.24	12.88	14.17	13.10		
New York-New Jersey	2.61	13.93	12.51	13.86	12.79		
Middle Atlantic	2.78	14.10	12.68	14.03	12.96		
SOUTH ATLANTIC							
Georgia	2.30	13.62	12.20	13.55	12.48		
Upper Florida	2.85	14.17	12.75	14.10	13.03		
Tampa Bay	2.95	14.27	12.85	14.20	13.13		
Southeastern Florida	3.15	14.47	13.05	14.40	13.33		
EAST NORTH CENTRAL							
Michigan Upper Pen.	1.35	12.67	11.25	12.60	11.53		
Southern Michigan	1.60	12.92	11.50	12.85	11.78		
East. Ohio-West. Pa.	1.85	13.17	11.75	13.10	12.03		
Ohio Valley	1.70	13.02	11.60	12.95	11.88		
Indiana	1.53	12.85	11.37	12.78	11.65		
Chicago Regional	1.26	12.58	11.16	12.51	11.44		
Central Illinois	1.39	12.71	11.29	12.64	11.57		
Southern Illinois	3/1.53	12.85	11.43	12.78	11.71		
Louis.-Lex.-Evans.	1.70	13.02	11.60	12.95	11.88		
WEST NORTH CENTRAL							
Upper Midwest	1.12	12.44	11.02	12.37	11.30		
Eastern South Dakota	1.40	12.72	11.30	12.65	11.58		
Black Hills	1.95	13.27	11.85	13.20	12.13		
Iowa	1.40	12.72	11.30	12.65	11.58		
Nebraska-Western Iowa	1.60	12.92	11.50	12.85	11.78		
Greater Kansas City	1.74	13.06	11.64	12.99	11.92		
St. Louis-Ozarks	1.60	12.92	11.50	12.85	11.78		
Neosho Valley	4/1.65	12.97	11.55	12.90	11.83		
Wichita	1.80	13.12	11.70	13.05	11.98		
Dollars							
EAST SOUTH CENTRAL							
Tennessee Valley	2.10	13.42	12.00	13.35	12.28		
Nashville	1.85	13.17	11.75	13.10	12.03		
Paducah	1.70	13.02	11.60	12.95	11.88		
Memphis	1.94	13.26	11.84	13.19	12.12		
WEST SOUTH CENTRAL							
Central Arkansas	1.94	13.26	11.84	13.19	12.12		
Fort Smith	1.95	13.27	11.85	13.20	12.13		
Oklahoma Metrop.	1.98	13.30	11.88	13.23	12.16		
Red River Valley	4/2.20	13.52	12.10	13.45	12.38		
Texas Panhandle	2.25	13.57	12.15	13.50	12.43		
Lubbock-Plainview	2.42	13.74	12.32	13.67	12.60		
Texas	2.32	13.64	12.22	13.57	12.50		
Greater Louisiana	2.47	13.79	12.37	13.72	12.65		
New Orleans-Miss.	2.85	14.17	12.75	14.10	13.03		
MOUNTAIN							
Eastern Colorado	2.30	13.62	12.20	13.55	12.48		
Western Colorado	2.00	13.32	11.90	13.25	12.18		
Great Basin	1.90	13.22	11.80	13.15	12.08		
Lake Mead	1.60	12.92	11.50	12.85	11.78		
Central Arizona	2.52	13.84	12.42	13.77	12.70		
Rio Grande Valley	2.35	13.67	12.25	13.60	12.53		
PACIFIC							
Puget Sound	1.85	13.17	11.75	13.10	12.03		
Inland Empire	1.95	13.27	11.85	13.20	12.13		
Oregon-Washington	1.95	13.27	11.85	13.20	12.13		

1/ Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on Table 2 for these locations.

2/ The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content. See Table 17.

3/ Tied to the St. Louis-Ozarks order.

4/ Tied to the Oklahoma Metropolitan order.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, OCTOBER, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT						DIFFERENTIALS PER C.1 PERCENT OF BUTTERFAT				
	CLASS I		BLEND		CLASS II	CLASS III	CLASS : CLASS : CLASS : PRD-				DUCER
	OCT	OCT	OCT	OCT	OCT	OCT	I	II	III		
	1977	1978	1979	1978	1979	1979				OCT	1979
	-----DOLLARS-----						-----CENTS-----				
NORTH ATLANTIC											
NEW ENGLAND 2/	14.01	12.60	13.57	12.32	11.31						14.8
NEW YORK-NEW JERSEY 3/	13.70	12.25	13.00	11.81	11.39						14.8
MIDDLE ATLANTIC 4/	13.87	12.46	5/ 12.75	5/ 11.40	11.33						14.8
REGIONAL AVERAGE	13.83	12.44	13.37	11.84							14.8
SOUTH ATLANTIC											
GEORGIA 6/	13.35	11.58	13.16	11.67	11.35	11.25					14.8
UPPER FLORIDA 7/	13.94	12.53	13.81	12.47	11.40						14.8
TAMPA BAY	14.04	12.63	13.88	12.47	11.40						14.8
SOUTHEASTERN FLORIDA 8/	14.24	12.83	14.07	12.73	11.40	9/ 5.77					14.8
REGIONAL AVERAGE	13.80	12.38	13.60	12.16							14.8
EAST NORTH CENTRAL											
MICHIGAN UPPER PENINSULA 10/ 11/	12.44	11.63	12.30	10.65	11.25		16.0	14.8			15.6
SOUTHERN MICHIGAN 12/	12.69	11.28	12.10	10.84	11.40	11.25					14.6
EAST. OHIO-WEST. PENNSYLVANIA 13/	12.44	11.53	14/ 12.62	14/ 11.32	11.35	11.25					14.8
OHIO VALLEY 15/	12.79	11.38	12.61	11.27	11.35	11.25					14.8
INDIANA 16/	12.62	11.15	14/ 12.51	14/ 10.89	11.35	11.25					14.8
CHICAGO REGIONAL 17/	12.35	10.94	11.77	10.60	11.35	11.25					14.8
CENTRAL ILLINOIS 18/	12.48	11.07	12.90	11.12	11.35	11.25					14.8
SOUTHERN ILLINOIS 19/	12.62	11.21	12.64	11.33	11.35	11.25					14.8
LOUISVILLE-LEXINGTON-CHAMPSVILLE	12.77	11.38	12.71	11.44	11.35	11.25					14.8
REGIONAL AVERAGE	12.55	11.24	12.17	10.92							14.7
WEST NORTH CENTRAL											
UPPER MICHIGAN 20/	12.21	10.80	11.54	10.39	11.35	11.25					14.8
EASTERN SOUTH DAKOTA 21/	12.45	11.08	12.06	10.75	11.35	11.25					14.8
BLACK HILLS 22/	13.04	11.63	12.52	11.14	11.25		15.3	14.2			14.8
EDMONTON 23/	12.49	11.08	11.95	10.72	11.35	11.25					14.8
NEBRASKA-WESTERN IOWA 24/	12.67	11.28	25/ 11.95	14/ 10.77	11.35	11.25					14.8
GREATER KANSAS CITY 26/	12.43	11.42	14/ 12.23	14/ 10.94	11.35	11.25					14.8
ST. LOUIS-KANSAS 27/	12.69	11.28	14/ 12.49	14/ 11.20	11.35	11.25					14.8
NEBRASKA VALLEY 28/	12.74	11.33	12.60	11.04	11.35	11.25					14.8
WYOMING 29/	12.85	11.45	30/ 12.35	14/ 11.18	11.35	11.25					14.8
REGIONAL AVERAGE	12.52	11.12	11.84	10.65							14.8

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.

2/ For 1979, Zone 1 (Boston). Price at 201-210 mile zone: Class I and blend are 50 cents less. Class I price at Hartford is 11 cents less. For 1978, nearby plant zone (Boston and Hartford). Prices at 201-210 mile zone are 40 cents less.

3/ New York metropolitan area. Price excludes a 15-cent direct delivery differential. Price at 201-210 mile zone: Class I and blend, 36 cents less; Class II, 8 cents less.

4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia.

5/ Seven cents for advertising and promotion has been deducted from the blend price.

6/ Atlanta.

7/ Jacksonville and Tallahassee.

8/ Miami.

9/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped.

10/ Zone 2 (Marquette).

11/ Individual handler pool. Blend prices are weighted averages of all handlers, 1978-79.

12/ Price excludes direct delivery differentials of 10 cents applicable to milk delivered to Detroit.

13/ Zone 1 (Erie, Pa.). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus 10 cents.

14/ Five cents for advertising and promotion has been deducted from the blend price.

15/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) 5 cents less and at Charlestown, W. Va. (Southeastern zone) 5 cents more.

16/ Indianapolis.

17/ Zone 1 (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.

18/ Peoria.

19/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) 7 cents more.

20/ Zone 1 (Minneapolis).

21/ Sioux Falls.

22/ Rapid City, S. Oak.

23/ Zone 1 (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus 7 cents; Waterloo, minus 16 cents.

24/ Zone 1 (Omaha).

25/ Eight cents for advertising and promotion has been deducted from the blend price.

26/ Kansas City and Topeka.

27/ Zone 1 (St. Louis and Springfield).

28/ Pittsburg, Kans.

29/ Zone 1 (Wichita).

30/ Nine cents for advertising and promotion has been deducted from the blend price.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, OCTOBER, WITH COMPARISONS 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT								DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT			
	CLASS I		BLEND		CLASS II		CLASS III		CLASS I		CLASS II	
	OCT 1979	OCT 1978	OCT 1979	OCT 1978	OCT 1979	OCT 1978	OCT 1979	OCT 1979	I	II	III	PRC- CUCER
	-----DOLLARS-----								-----CENTS-----			
EAST SOUTH CENTRAL												
TENNESSEE VALLEY 31/	13.19	11.78	30/ 12.41	14/ 11.53	11.35	11.25						14.8
NASHVILLE	12.94	11.53	12.51	11.15	11.35	11.25						14.8
PAJUCAH	12.75	11.38	13.22	11.70	11.35	11.25						14.8
MEMPHIS	13.03	11.62	12.74	11.34	11.35	11.25						14.8
REGIONAL AVERAGE	13.09	11.60	12.75	11.43								14.8
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS 32/	13.03	11.62	30/ 12.85	14/ 11.44	11.35	11.25						14.8
OKLAHOMA METROPOLITAN 33/	13.07	11.66	30/ 12.68	14/ 11.26	11.35	11.25						14.8
RED RIVER VALLEY 34/	13.29	11.88	30/ 13.04	14/ 11.40	11.35	11.25						14.8
TEXAS PANHANDLE 35/	13.34	11.93	30/ 13.04	14/ 11.65	11.35	11.25						14.8
LUBBOCK-PLAINVIEW	13.51	12.10	30/ 13.29	14/ 11.92	11.35	11.25						14.8
TEXAS 36/	13.41	12.00	30/ 13.03	14/ 11.58	11.35	11.25						14.8
GREATER LOUISIANA 37/	13.56	12.15	13.35	11.94	11.35	11.25						14.8
NEW ORLEANS-MISSISSIPPI 38/	13.94	12.53	13.57	12.14	11.35	11.25						14.8
REGIONAL AVERAGE	13.45	12.04	13.10	11.66								14.8
MOUNTAIN												
EASTERN COLORADO 39/	13.39	11.98	12.92	11.44	11.40	11.25	16.6	15.5	15.5	16.1		
WESTERN COLORADO 40/	13.04	11.68	13.10	11.56	11.30	11.25	15.3	15.5	15.5	15.3		
GREAT BASIN 41/	12.99	11.98	12.43	11.14	11.40	11.25	15.3	14.8	14.8	15.1		
LAKE MEAD 42/	12.65	11.28	12.38	11.10	11.40	11.25	15.3	14.8	14.8	15.1		
CENTRAL ARIZONA 43/	13.61	12.20	12.90	11.58	11.35	11.25						14.8
RIO GRANDE VALLEY 44/	13.44	12.03	30/ 12.81	14/ 11.40	11.35	11.25						14.8
REGIONAL AVERAGE	13.34	11.92	12.77	11.42								15.2
PACIFIC												
PUGET SOUND 45/	12.94	11.53	12.00	10.80	11.50	11.25						14.8
INLAND EMPIRE 46/	13.04	11.63	12.24	11.00	11.50	11.25	15.7	14.8	14.8	15.1		
OREGON-WASHINGTON 47/	13.04	11.63	12.36	11.07	11.50	11.25	15.3	14.8	14.8	15.0		
REGIONAL AVERAGE	13.00	11.59	12.17	10.93								14.9
46-MARKET AVERAGE 48/ 49/	13.19	11.78	12.53	11.27	50/ 11.35							14.8
ALL-MARKET AVERAGE	13.19	11.78	12.53	11.27	50/ 11.35							14.8

31/ Bristol, Chattanooga, and Knoxville.

32/ Little Rock.

33/ Oklahoma City.

34/ Wichita Falls, Tex.

35/ Amarillo.

36/ Zone I (Dallas). Class I price at Houston plus 36 cents.

37/ Monroe and Shreveport.

38/ Zone I (New Orleans).

39/ Denver.

40/ Grand Junction.

41/ Salt Lake City, Utah.

42/ Las Vegas, Nev.

43/ Phoenix.

44/ Albuquerque, Santa Fe, and El Paso.

45/ District I (Seattle).

46/ Spokane, Washington.

47/ Portland.

48/ Excludes Fort Smith. Fewer than three handlers..

Fort Smith prices: Class I 1979, \$13.04 and 1978, \$11.63
Blend 30/, 1979, \$12.80 and 1978 14/, \$11.38; Class II 1979,
\$11.35 and 1978, \$10.28; Class III 1979, \$11.25 and 1978,
\$10.18. Fat differential: Class I 1979, 14.8¢ and 1978,
13.3¢; Class II 1979, 14.8¢ and 1978, 13.3¢; Class III
1979, 14.8¢ and 1978, 13.3¢; Blend 1979, 14.8¢ and 1978,
13.3¢.

49/ Based on markets where orders were effective entire
period, 1978-79, and which had no significant marketing
area changes.

50/ A weighted average price for milk in excess of Class I
needs calculated as follows: (producer deliveries used in
Class II times the Class II price) plus (producer deliveries
used in Class III times the Class III price) divided by
(total producer deliveries in excess of Class I needs).

TABLE 3--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-OCTOBER, WITH COMPARISONS 1/-CON.

FEDERAL MILK ORDER MARKETING AREA	CLASS I PRICE PER HUNDREDWEIGHT		BLEND PRICE PER HUNDREDWEIGHT		CHANGE 1979 OVER 1978		CHANGE 1979 OVER 1978	
	1979	1978	1979	1978	1979	1978	1979	1978
DOLLARS								
EAST SOUTH CENTRAL								
TENNESSEE VALLEY		11.24		1.54	12.33	10.81	1.52	
NASHVILLE	12.78	11.00		1.54	11.85	10.31	1.54	
PADUCAH	12.54	10.84		1.53	12.03	10.46	1.57	
MEMPHIS	12.37	11.09		1.52	12.31	10.82	1.49	
REGIONAL AVERAGE	12.61	11.14		1.54	12.19	10.67	1.52	
WEST SOUTH CENTRAL								
CENTRAL ARKANSAS	12.62	11.08		1.54	12.35	10.84	1.51	
OKLAHOMA METROPOLITAN	12.66	11.12		1.54	12.16	10.52	1.64	
RED RIVER VALLEY	12.84	11.33		1.51	12.31	10.76	1.55	
TEXAS PANHANDLE	12.94	11.39		1.55	12.57	11.03	1.54	
LUBBOCK-PLAINVIEW	13.10	11.56		1.54	12.75	11.32	1.43	
TEXAS	12.95	11.46		1.53	12.54	10.97	1.57	
GREATER LOUISIANA	13.14	11.61		1.53	12.76	11.20	1.56	
NEW ORLEANS-MISSISSIPPI	13.53	11.99		1.54	12.79	11.25	1.50	
REGIONAL AVERAGE	13.03	11.50		1.53	12.55	10.98	1.57	
MOUNTAIN								
EASTERN COLORADO	12.97	11.45		1.52	12.39	10.85	1.50	
WESTERN COLORADO	12.68	11.15		1.53	12.45	10.93	1.52	
GREAT BASIN	12.58	11.05		1.53	11.91	10.38	1.53	
LAKE MEAD	12.27	10.75		1.52	11.98	10.49	1.49	
CENTRAL ARIZONA	13.20	11.66		1.54	12.43	10.89	1.54	
RIO GRANDE VALLEY	13.03	11.49		1.54	12.23	10.65	1.34	
REGIONAL AVERAGE	12.52	11.39		1.53	12.25	10.75	1.50	
PACIFIC								
PUGET SOUND	12.52	11.00		1.52	11.54	10.08	1.46	
INLAND EMPIRE	12.63	11.08		1.55	11.81	10.26	1.55	
OREGON-WASHINGTON	12.62	11.10		1.52	11.83	10.37	1.46	
REGIONAL AVERAGE	12.58	11.05		1.53	11.68	10.22	1.46	
40-MARKET AVERAGE 2/ 3/	12.77	11.25		1.52	11.86	10.38	1.48	
ALL-MARKET AVERAGE	12.77	11.25		1.52	11.86	10.38	1.48	

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. See footnotes on Table 2 for location at which price is reported. All averages are weighted.

2/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

3/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, GCIC88--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS	TOTAL PRODUCER DELIVERIES				BUTTERFAT CONTENT OF PRODUCER DELIVERIES				AVERAGE DAILY DELIVERY PER PRODUCER							
		CHANGE FROM OCT 1978		OCT 1979		CHANGE FROM OCT 1978		OCT 1979		CHANGE FROM OCT 1978		OCT 1979					
		1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979				
1,000 LBS.														PERCENT		POUNDS	
EAST SOUTH CENTRAL																	
TENNESSEE VALLEY																	
NASHVILLE	1,868	275	109,019	87,962	23.9	3.73	3.72	1,883	1,781								
PADUCAH	891	145	44,256	38,895	13.8	3.73	3.65	1,602	1,682								
MEMPHIS	177	58	8,175	9,504	13.9-	3.69	3.78	1,491	1,305								
REGIONAL AVERAGE OR TOTAL	511	28-	26,492	26,502	C	3.68	3.69	2,071	2,172								
	3,447	334	187,946	162,863	15.4	3.72	3.70										
WEST SOUTH CENTRAL																	
CENTRAL ARKANSAS-FT. SMITH 1/	770	27-	32,668	32,542	.4	3.59	3.61	1,907	2,010								
OKLAHOMA METROPOLITAN	1,030	201-	64,139	62,346	2.9	3.63	3.62	2,048	2,086								
RED RIVER VALLEY	141	22-	3,696	9,285	60.2-	3.63	3.49	2,022	2,174								
TEXAS PANHANDLE	105	87-	8,446	7,742	9.1	3.46	3.55	3,403	2,484								
LUBBOCK-PLAINVIEW	64	5-	6,930	5,998	15.5	3.45	3.60	5,171	5,171								
TEXAS	2,874	305-	280,888	294,920	4.8-	3.58	3.59	3,153	2,993								
GREAT LAKES	752	4	51,297	50,128	2.3	3.73	3.72	2,200	2,162								
NEW ORLEANS-MISSISSIPPI	1,722	83	89,957	86,244	4.3	3.71	3.75	1,685	1,697								
REGIONAL AVERAGE OR TOTAL	7,458	560-	538,021	549,205	2.0-	3.62	3.63										
MOUNTAIN																	
EASTERN COLORADO	912	33-	75,799	78,563	3.5-	3.60	3.60	2,681	2,682								
WESTERN COLORADO	58	1-	6,360	6,189	2.9	3.69	3.67	3,541	3,383								
GREAT BASIN	693		63,330	60,357	4.9	3.58	3.59	2,948	2,810								
LAKE MEAD	44	7-	11,671	11,714	.4-	3.33	3.40	8,556	7,409								
CENTRAL ARIZONA	158	3	78,172	72,547	7.7	3.58	3.52	16,694	15,889								
KIO GRANDE VALLEY	140	59-	44,164	42,468	3.0	3.47	3.47	12,839	10,345								
REGIONAL AVERAGE OR TOTAL	2,005	97-	279,506	272,268	2.7	3.56	3.55										
PACIFIC																	
PUGET SOUND	1,185	24-	153,464	146,044	5.1	3.68	3.70	4,178	3,897								
INLAND EMPIRE	288	10-	30,440	24,233	25.6	3.64	3.72	3,409	2,623								
CROWN-WASHINGTON	954	30-	123,396	121,539	1.5	3.73	3.80	4,172	3,984								
REGIONAL AVERAGE OR TOTAL	2,427	64-	307,320	291,816	5.3	3.70	3.74										
47-MARKET AVERAGE OR TOTAL 2/	116,102	2,214-	6,471,498	6,280,585	3.0	3.70	3.71	1,798	1,712								
ALL-MARKET AVERAGE OR TOTAL	116,102	2,214-	6,471,498	6,280,585	3.0	3.70	3.71	1,798	1,712								

1/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which was restricted.
2/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

Based on the data for central railroads and for all railroads combined in the entire period, 1978-79, and which had no significant marketing area changes. For the data for the railroads which was tested for a significant marketing area change.

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, OCTOBER, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				CLASS I UTILIZATION				GROSS CLASS I USE			
	: OCT 1979 :		: OCT 1978 :		: OCT 1979 :		: OCT 1978 :		: OCT 1979 :		: OCT 1978 :	
	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT
NORTH ATLANTIC												
NEW ENGLAND	261,200	2.0	256,035	2.8	62.9	63.6	261,205	1.8	412,549	53.2	412,549	1.1-
NEW YORK-NEW JERSEY	412,549	1.1-	416,568	3.2	50.8	56.5	265,916	4.3	258,245	57.8	265,916	56.7
MIDDLE ATLANTIC	531,954	1.1	521,471	1.1	55.7	56.7						
REGIONAL AVERAGE OR TOTAL												
SOUTH ATLANTIC												
GEORGIA	108,182	2.8-	111,276	2.8-	87.6	81.6	111,822	1.5-	55,508	94.1	67,325	11.9
UPPER FLORIDA	37,732	4.0-	39,291	4.0-	91.1	92.7	45,579	.7	39,291	93.9	69,870	2.5
TAMPA BAY	59,634	1.6-	60,627	1.6-	90.8	88.6			261,056	1.5-		
SOUTHEASTERN FLORIDA	261,056	1.5-	265,003	1.5-								
REGIONAL AVERAGE OR TOTAL												
EAST NORTH CENTRAL												
MICHIGAN UPPER PENINSULA	3,840	12.8-	4,403	12.8-	75.8	59.9	5,347	2.0	201,485	55.7	202,058	.7
SOUTHERN MICHIGAN	178,945	.4-	179,614	.4-	66.7	66.2	179,189	.6-	163,543	68.1	173,763	1.2-
EAST. OHIO-WEST. PENNSYLVANIA	115,807	7.5	107,749	7.5	77.6	72.7	126,827	10.6	267,627	31.1	267,490	2.8
OHIO VALLEY	267,627	3.0	259,943	3.0	31.1	32.9	10,812	34.3-	10,351	63.3	53,509	.3
INDIANA	52,264	6.4	49,119	6.4	68.8	63.7	61,400	.8	61,400	65.3	61,853	.8
CHICAGO REGIONAL	61,400	1.5	60,507	1.5	51.0	51.6						
CENTRAL ILLINOIS	1,055,262	1.3	1,041,393	1.3								
SOUTHERN ILLINOIS												
LOUISVILLE-LEXINGTON-EVANSVILLE												
REGIONAL AVERAGE OR TOTAL												
WEST NORTH CENTRAL												
UPPER MIDWEST	143,958	2.9	139,880	2.9	24.1	25.3	144,345	3.1	12,846	58.4	12,867	5.1
EASTERN SOUTH DAKOTA	12,846	5.7	12,154	5.7	73.8	69.9	4,793	.1	69,122	46.0	69,293	2.8
BLACK HILLS	4,773	8.3	4,406	8.3	51.3	50.2	48,824	2.7	47,691	41.1	42,517	1.5
IOWA	69,122	3.1	67,019	3.1	63.2	70.0	115,245	.7-	42,517	37.3-	42,603	37.4-
NEBRASKA-WESTERN IOWA	47,691	8.7	43,876	8.7	69.0	75.1	432	21.3	111,070	22.1	115,245	21.3
GREATER KANSAS CITY	42,517	3.3	41,163	3.3	76.4	78.2	21,345		42,517	40.2	42,603	
ST. LOUIS-OZARKS	111,070	1.3	112,524	1.3	71.7	41.4	453,745		42,517	40.2	42,603	
NEOSHO VALLEY	423	37.3-	675	37.3-								
KANSAS	21,345	22.1	17,486	22.1								
WICHITA	453,745	3.3	439,183	3.3								
REGIONAL AVERAGE OR TOTAL												

Continued

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS 1, CLASS 1 UTILIZATION, AND GROSS CLASS 1 USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, OCTOBER, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS 1				CLASS 1 UTILIZATION				GROSS CLASS 1 USE			
	CCT 1979		OCT 1978		OCT 1979		OCT 1978		OCT 1979		OCT 1978	
	1,000 POUNDS		1,000 POUNDS		PERCENT		-PERCENT-		1,000 POUNDS		PERCENT	
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	85,561	73,143	17.0	78.5	83.2	87,967	18.6					
NASHVILLE	32,491	26,382	23.2	72.4	67.8	32,565	23.4					
PADUCAH	7,444	7,767	4.2	91.0	81.7	7,838	1.1					
MEMPHIS	23,052	22,434	2.8	87.0	84.7	24,900	1.1					
REGIONAL AVERAGE OR TOTAL	148,548	129,726	14.5	79.0	75.7							
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH 1/	30,533	28,824	5.9	93.5	88.6	32,926	6.4					
OKLAHOMA METROPOLITAN	51,532	45,518	13.2	80.3	73.0	53,930	11.0					
RED RIVER VALLEY	3,351	6,609	49.3	90.7	71.2	3,351	49.3					
TEXAS PANHANDLE	7,565	6,564	13.6	89.6	86.1	7,565	13.6					
LUBBOCK--PLAINVIEW	6,535	5,657	15.5	94.3	94.3	6,646	17.4					
TEXAS	241,475	230,633	4.7	86.0	78.2	244,486	5.7					
GREATER LOUISIANA	46,804	44,843	4.4	91.3	89.5	47,826	3.7					
NEW ORLEANS--MISSISSIPPI	74,597	69,331	7.6	82.9	80.4	76,969	9.1					
REGIONAL AVERAGE OR TOTAL	462,401	438,079	5.6	85.9	79.8							
MOUNTAIN												
EASTERN COLORADO	58,522	56,601	3.4	77.2	72.0	62,083	4.8					
WESTERN COLORADO	6,140	5,868	8.3	96.4	91.6	6,676	14.0					
GREAT BASIN	42,400	39,968	6.1	67.0	66.2	43,506	5.6					
LAKE MEAD	8,248	8,711	5.3	70.7	74.4	8,337	6.2					
CENTRAL ARIZONA	54,316	50,033	8.6	69.5	68.9	54,238	8.6					
RIO GRANDE VALLEY	32,490	30,477	6.6	73.6	71.1	32,502	6.6					
REGIONAL AVERAGE OR TOTAL	202,116	191,458	5.6	72.3	70.3							
PACIFIC												
PUGET SOUND	68,207	64,550	5.7	44.4	44.2	71,220	4.7					
INLAND EMPIRE	16,470	13,510	18.4	54.1	57.4	17,104	22.9					
OREGON--WASHINGTON	75,338	73,285	2.8	61.1	60.3	79,081	3.2					
REGIONAL AVERAGE OR TOTAL	160,015	151,345	5.4	52.1	52.0							
47-MARKET AVERAGE OR TOTAL 2/	3,675,137	3,578,058	2.7	56.8	57.0							
ALL-MARKET AVERAGE OR TOTAL	3,675,137	3,578,058	2.7	56.8	57.0							

1/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which was restricted.
 2/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, OCTOBER AND YEAR TO DATE 1/

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS II		CLASS II UTILIZATION		PRODUCER DELIVERIES USED IN CLASS II		CLASS II UTILIZATION	
	OCT. 1979	OCT. 1978	OCT. 1979	OCT. 1978	YEAR TO DATE 1979	YEAR TO DATE 1978	YEAR TO DATE 1979	YEAR TO DATE 1978
	1,000 POUNDS		PERCENT		1,000 POUNDS		PERCENT	
SOUTH ATLANTIC								
GEORGIA	7,643	8,923	6.2	6.5	9,463	108,058	7.3	8.3
EAST NORTH CENTRAL								
SOUTHERN MICHIGAN	23,624	25,511	6.5	7.2	238,890	256,467	6.8	7.3
EAST. CHIO-WEST. PENNSYLVANIA	18,750	18,239	7.0	6.7	204,426	192,650	7.2	6.6
OHIO VALLEY	18,955	21,832	7.9	8.8	191,098	219,542	7.5	8.9
INDIANA	15,989	18,512	10.7	12.5	183,605	239,218	12.3	14.5
CHICAGO REGIONAL	52,282	69,310	10.7	11.3	925,007	963,060	10.3	11.2
CENTRAL ILLINOIS	300	1,420	2.2	5.9	6,559	15,204	3.2	6.6
SOUTHERN ILLINOIS	9,757	9,512	12.8	12.3	105,552	103,427	13.2	12.0
LOUISVILLE-LEXINGTON-EVANSVILLE	9,206	6,266	9.8	6.8	82,284	77,006	8.6	7.9
WEST NORTH CENTRAL								
UPPER MIDWEST	31,794	23,537	5.3	4.3	259,315	234,336	4.0	3.8
EASTERN SOUTH DAKOTA	2,737	2,841	12.4	13.0	29,789	30,769	12.6	13.1
IOWA	7,607	9,430	5.1	6.7	91,706	105,359	5.7	6.8
NEBRASKA-WESTERN IOWA	10,298	9,218	11.1	10.5	101,460	105,024	11.0	11.9
GREATER KANSAS CITY	13,317	10,767	19.8	16.0	146,314	123,587	21.1	17.1
ST. LOUIS-OZARKS	24,607	25,046	15.3	15.6	242,243	230,588	14.8	15.0
NEOSHO VALLEY	5	15	1.6	2.1	9,004	173	31.2	2.4
WICHITA	3,447	3,781	11.6	16.9	30,923	31,655	12.0	12.1
EAST SOUTH CENTRAL								
TENNESSEE VALLEY	8,452	6,621	7.8	7.5	72,268	95,735	7.4	10.3
NASHVILLE	4,704	1,818	10.6	4.7	31,641	23,312	7.2	5.6
PADUCAH	657	1,076	8.0	11.3	9,809	11,773	11.5	12.5
MEMPHIS	2,943	3,224	11.1	12.2	32,607	30,091	12.8	11.9

Continued

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, OCTOBER AND YEAR TO DATE 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES		CLASS II UTILIZATION		PRODUCER DELIVERIES		CLASS II UTILIZATION		PERCENT		PERCENT	
	USED IN CLASS II		:		USED IN CLASS II		:		1,000 POUNDS		1,000 POUNDS	
	OCT. 1979	OCT. 1978	OCT. 1979	OCT. 1978	OCT. 1979	OCT. 1978	OCT. 1979	OCT. 1978	YEAR TO DATE 1979	YEAR TO DATE 1978	YEAR TO DATE 1979	YEAR TO DATE 1978
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH 2/	1,779	2,037	5.4	6.3	18,695	20,147	5.5	6.5				
OKLAHOMA METROPOLITAN	9,019	10,501	14.1	16.8	87,969	98,310	14.0	14.3				
RED RIVER VALLEY	259	2,452	7.0	26.8	11,810	22,415	21.0	23.7				
TEXAS PANHANDLE	743	776	8.8	10.0	7,319	8,243	10.1	10.7				
LUBBOCK--PLAINVIEW	167	141	2.4	2.4	2,250	3,054	3.4	5.2				
TEXAS	29,133	33,639	10.4	11.4	329,856	339,512	11.9	12.0				
GREATER LOUISIANA	2,274	2,203	4.4	4.4	25,245	32,327	5.0	6.0				
NEW ORLEANS--MISSISSIPPI	7,134	8,466	7.9	9.8	90,220	92,176	9.5	9.7				
MOUNTAIN												
EASTERN COLORADO	8,264	8,380	10.9	10.7	83,377	84,376	11.2	11.5				
GREAT BASIN 3/												
LAKE MEAD 4/		666		5.7	4,449	6,334	6.9	5.5				
CENTRAL ARIZONA	10,648	10,454	13.6	14.4	102,049	101,854	14.0	14.2				
RIO GRANDE VALLEY	10,639	6,605	24.1	15.4	90,967	69,040	20.6	17.2				
PACIFIC												
PUGET SOUND	17,647	17,778	11.5	12.2	183,483	184,374	11.8	12.5				
INLAND EMPIRE	1,951	1,836	6.4	7.6	21,261	24,608	7.8	9.3				
OREGON--WASHINGTON	15,661	16,672	12.7	13.7	167,941	165,949	13.4	13.6				

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped. Otherwise, all orders which have three classes of utilization are shown.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which was restricted.

3/ Data have been determined as administratively confidential and therefore cannot be shown.

4/ Data for current month have been determined administratively confidential and therefore cannot be shown. Year to date 1979 represents January through June.

TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL LAWS, BY MARKETING AREA, JANUARY-OCTOBER, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	1975	1978	CHANGE	1979	1978	CHANGE	1979	1978	
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT	PERCENT	PERCENT	
NORTH ATLANTIC									
NEW ENGLAND	4,273,299	4,251,538	.5	2,431,065	2,420,385	.4	56.9	56.9	
NEW YORK-NEW JERSEY	8,559,121	8,322,702	2.8	3,803,493	3,897,240	2.4	44.4	46.8	
MIDDLE ATLANTIC	4,513,408	4,548,112	.8	2,415,272	2,498,785	3.3	53.5	54.9	
REGIONAL AVERAGE OR TOTAL	17,345,823	17,122,352	1.3	8,649,830	8,816,410	1.9	49.9	51.5	
SOUTH ATLANTIC									
GEORGIA	1,294,823	1,303,076	.6	994,797	1,014,981	2.0	76.8	77.9	
UPPER FLORIDA	609,734	565,235	7.9	566,063	530,262	6.8	92.8	93.8	
TAMPA BAY	457,796	443,745	3.2	407,821	403,081	1.2	85.1	90.8	
SOUTHEASTERN FLORIDA	660,004	649,904	1.6	615,117	602,499	2.1	93.2	92.7	
REGIONAL AVERAGE OR TOTAL	3,022,357	2,961,960	2.0	2,583,798	2,550,823	1.3	85.5	86.1	
EAST NORTH CENTRAL									
MICHIGAN UPPER PENINSULA	61,964	74,138	16.4	36,264	41,843	13.3	58.5	56.4	
SOUTHERN MICHIGAN	3,537,808	3,527,979	.3	1,855,726	1,896,099	2.1	52.5	53.7	
EAST. CHIO-WEST. PENNSYLVANIA	2,845,779	2,909,998	2.2	1,691,514	1,705,257	.8	59.4	58.6	
OHIO VALLEY	2,535,607	2,476,621	2.4	1,557,276	1,513,492	2.9	61.1	61.1	
INDIANA	1,487,223	1,647,793	9.7	1,072,270	1,118,049	4.1	72.1	67.9	
CHICAGO REGIONAL	8,555,962	8,636,507	3.7	2,487,765	2,503,802	.6	27.8	29.0	
CENTRAL ILLINOIS	205,839	230,548	10.7	117,886	136,258	13.5	57.3	59.1	
SOUTHERN ILLINOIS	801,547	858,656	6.6	479,010	477,046	.4	59.7	55.6	
LOUISVILLE-LEXINGTON-EVANSVILLE	961,517	969,748	.8	572,594	586,324	2.3	59.5	60.5	
REGIONAL AVERAGE OR TOTAL	21,393,046	21,331,988	.3	9,870,305	9,978,170	1.1	46.1	46.8	
WEST NORTH CENTRAL									
UPPER MIDWEST	6,525,446	6,158,016	6.0	1,298,252	1,292,167	.5	19.9	21.0	
EASTERN SOUTH DAKOTA	236,340	235,156	.5	113,064	114,954	1.6	47.8	48.9	
BLACK HILLS	67,100	64,401	4.2	41,022	38,417	6.8	61.1	59.7	
IOWA	1,598,179	1,559,382	2.5	618,574	638,632	3.1	38.7	41.0	
NEBRASKA-WESTERN IOWA	919,737	882,872	4.2	441,168	442,106	.2	48.0	50.1	
GREATER KANSAS CITY	691,926	722,334	4.2	391,063	401,474	2.6	56.5	55.6	
ST. LOUIS-OSARKS	1,632,523	1,532,215	6.5	1,060,577	1,045,941	1.4	65.0	68.3	
NEOSHO VALLEY	28,894	7,167	303.1	10,829	6,158	75.8	37.5	85.9	
WICHITA	258,348	262,462	1.6	173,483	169,849	2.1	67.2	64.7	
REGIONAL AVERAGE OR TOTAL	11,958,498	11,424,045	4.7	4,148,032	4,149,698	0	34.7	36.3	

Continued

TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS,
BY MARKETING AREA, JANUARY-OCTOBER, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	:			:			:		
	1979	1978	CHANGE	1979	1978	CHANGE	1979	1978	CHANGE
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT	PERCENT	PERCENT	
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	971,569	929,848	4.5	732,211	705,690	3.8	75.4	75.8	
NASHVILLE	441,064	419,904	5.0	264,937	247,495	7.0	60.1	58.9	
PADUCAH	85,246	94,191	9.5-	70,050	74,181	5.6-	82.2	78.8	
MEMPHIS	254,313	252,132	.6	214,421	210,392	1.9	84.3	83.2	
REGIONAL AVERAGE OR TOTAL	1,752,192	1,656,679	3.3	1,281,619	1,237,158	3.6	73.1	72.9	
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS-Ft. SMITH 1/	317,229	308,250	2.9	274,709	270,367	1.6	86.6	87.7	
OKLAHOMA METROPOLITAN	627,696	689,261	8.9-	463,458	452,070	2.5	73.8	65.6	
RED RIVER VALLEY	56,296	94,400	40.4-	42,259	65,114	35.1-	75.1	69.0	
TEXAS PANHANDLE	72,261	77,224	6.4-	61,522	64,665	4.9-	85.1	83.7	
LUBBOCK-PLAINVIEW	66,199	58,813	12.6	57,960	52,934	9.5	87.6	90.0	
TEXAS	2,776,980	2,842,055	2.3-	2,232,035	2,192,505	1.8	80.4	77.2	
GREATER LOUISIANA	508,848	541,144	6.0-	428,483	446,460	4.0-	84.2	82.5	
NEW ORLEANS-MISSISSIPPI	946,482	948,950	.3-	659,948	664,695	.7-	69.7	70.0	
REGIONAL AVERAGE OR TOTAL	5,371,591	5,560,097	3.4-	4,220,374	4,209,210	.3	75.6	75.7	
MOUNTAIN									
EASTERN COLORADO	744,316	731,963	1.7	537,240	522,348	2.9	72.2	71.4	
WESTERN COLORADO	64,335	59,539	8.1	55,625	51,341	8.3	86.5	86.2	
GREAT BASIN	642,439	626,896	2.5	383,007	363,821	5.3	59.6	58.0	
LAKE MEAD 2/	105,547	115,677	5.0-	76,814	84,331	8.9-	69.9	72.9	
CENTRAL ARIZONA	730,642	715,340	2.1	488,050	469,398	4.0	66.8	65.6	
RIO GRANDE VALLEY	441,612	401,986	9.9	288,798	285,156	1.3	65.4	70.9	
REGIONAL AVERAGE OR TOTAL	2,733,291	2,651,401	3.1	1,829,534	1,776,395	3.0	66.9	67.0	
PACIFIC									
PUGET SOUND	1,550,577	1,475,792	5.1	634,511	602,116	5.4	40.9	40.8	
INLAND EMPIRE	274,051	264,561	3.6	143,496	134,408	6.8	52.4	50.8	
OREGON-WASHINGTON	1,254,985	1,223,879	2.5	682,361	685,163	.4-	54.4	56.0	
REGIONAL AVERAGE OR TOTAL	3,079,613	2,964,232	3.9	1,460,368	1,421,687	2.7	47.4	48.0	
47-MARKET AVERAGE OR TOTAL 3/	66,661,816	65,712,750	1.4	34,043,860	34,139,551	.3-	51.1	52.0	
ALL-MARKET AVERAGE OR TOTAL	66,661,816	65,712,750	1.4	34,043,860	34,139,551	.3-	51.1	52.0	

1/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which was restricted.
2/ The figure reported for 1979 for producer deliveries used in Class I includes estimated data for July. The actual figure for this month was restricted, consequently an estimate was computed based on the July 1978 Class I utilization.

3/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

TABLE 8-- WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1979, WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	SEPTEMBER 1979		CHANGE 1979 FROM 1978		SEPTEMBER 1979		CHANGE 1979 FROM 1978		SEPTEMBER 1979		CHANGE 1979 FROM 1978	
	SALES	BUTTER-FAT CONTENT	SEP	YEAR TC DATE	SALES	BUTTER-FAT CONTENT	SEP	YEAR TC DATE	SALES	BUTTER-FAT CONTENT	SEP	YEAR TC DATE
	MIL. LB.		PERCENT		MIL. LB.		PERCENT		MIL. LB.		PERCENT	
NEW ENGLAND	183.1	3.33	- 4.7	- 1.0	54.6	.95	- .4	- .1	237.7	2.78	- 3.7	.1
NEW ENGLAND	183.1	3.33	- 4.7	- 1.0	54.6	.95	- .4	4.1	237.7	2.78	- 3.7	.1
MIDDLE ATLANTIC	159.7	3.29	- 6.4	- 2.7	74.6	1.33	- .1	3.7	234.2	2.67	- 4.4	.8
MIDDLE ATLANTIC	159.7	3.29	- 6.4	- 2.7	74.6	1.33	- .1	3.7	234.2	2.67	- 4.4	.8
SOUTH ATLANTIC	159.6	3.29	- 3.3	.8	79.3	1.21	- 1.8	4.2	234.0	2.60	- 2.8	1.9
TAMPA BAY	28.8	3.27	- 6.6	- 1.2	14.6	1.09	6.7	12.7	43.4	2.54	- 2.5	2.9
SOUTHEASTERN FLORIDA	40.5	3.31	.2	4.4	17.6	1.33	- .3	5.3	58.1	2.71	.0	4.6
UPPER FLORIDA	37.5	3.28	- 2.1	2.1	15.1	1.14	- 4.0	5.9	52.7	2.66	- 2.7	3.1
GEORGIA	52.7	3.29	- 4.9	- 1.7	32.0	1.24	- 4.9	.7	84.7	2.52	- 4.9	- 1.3
EAST NORTH CENTRAL	531.3	3.28	- 11.8	- 5.6	428.8	1.59	.1	5.4	960.2	2.53	- 6.8	- 1.1
EASTERN GROUP												
SOUTHERN MICHIGAN	109.8	3.27	- 10.5	- 5.7	63.2	1.04	- 6.3	.1	173.0	2.46	- 9.0	- 3.7
E. OHIO - W. PA.	113.6	3.29	- 8.0	- 2.9	56.6	1.71	.3	6.3	170.2	2.76	- 4.3	- .1
OHIO VALLEY	85.7	3.27	- 18.1	- 8.5	72.8	1.69	4.2	9.0	158.5	2.54	- 9.2	- 1.6
WESTERN GROUP												
MICH. UPPER PENINSULA	3.6	3.32	- 19.8	- 10.7	4.2	1.79	.5	3.5	7.8	2.50	- 10.2	- 3.9
CHICAGO REGIONAL	118.7	3.30	- 11.2	- 5.1	115.4	1.64	- 1.8	5.8	234.1	2.48	- 6.8	- .1
LOUIS. - LEX. - EVANS	26.4	3.26	- 13.1	- 7.2	29.2	1.74	5.5	7.4	55.6	2.46	- 4.2	- .3
INDIANA	45.0	3.31	- 9.9	- 5.7	56.0	1.72	2.4	7.2	101.0	2.43	- 3.4	.8
SOUTHERN ILLINOIS	20.0	3.28	- 13.9	- 6.0	21.3	1.71	- 5.1	1.0	41.3	2.47	- 9.6	- 2.6
CENTRAL ILLINOIS	8.6	3.25	- 12.2	- 5.1	10.1	1.69	- 2.4	2.9	18.7	2.41	- 7.2	- 1.0
WEST NORTH CENTRAL	129.0	3.29	- 13.7	- 6.9	208.3	1.57	- 2.5	2.9	337.3	2.23	- 7.1	- 1.2
NORTHERN GROUP												
UPPER MIDWEST	27.4	3.28	- 18.1	- 11.5	84.8	1.50	- 2.6	2.9	112.2	1.93	- 6.9	- 1.2
EASTERN SOUTH DAKOTA	2.7	3.31	- 19.8	- 8.4	6.2	1.76	1.9	9.8	8.9	2.23	- 5.8	3.2
BLACK HILLS	1.2	3.28	- 11.7	- 2.2	1.7	1.90	- 2.0	4.5	2.8	2.47	- 6.2	1.6
IOWA	19.6	3.36	- 11.7	- 7.7	37.5	1.66	- 2.5	1.7	57.1	2.24	- 5.9	- 1.9
NEBRASKA - WESTERN IOWA	18.0	3.34	- 14.3	- 6.6	22.4	1.70	.9	4.7	40.3	2.43	- 6.5	- .5

Continued

TABLE 8 -- WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1979 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/						LOWFAT AND SKIM MILK ITEMS 3/						TOTAL	
	SEPTEMBER 1979			CHANGE FROM 1978			SEPTEMBER 1979			CHANGE FROM 1978			SEPTEMBER 1979	
	SALES	FAT	CONTENT	PERCENT	YEAR	DATE	SALES	FAT	CONTENT	PERCENT	YEAR	DATE	SALES	BUTTER-FAT CONTENT
	MIL. LB.						MIL. LB.						MIL. LB.	PERCENT
WEST NORTH CENTRAL--CON.														
SOUTHERN GROUP														
ST. LOUIS - OZARKS	25.9	3.24	-	14.4	-	5.2	26.1	1.53	-	3.4	-	3.2	52.0	2.36
GREATER KANSAS CITY	21.6	3.27	-	8.4	-	4.7	20.7	1.53	-	5.5	-	.7	42.3	2.42
NEUSHO VALLEY	4.0	3.31	-	13.0	-	2.6	2.1	1.43	-	9.9	-	3.1	6.1	2.65
WICHITA	8.6	3.29	-	10.3	-	1.7	6.9	1.50	-	.5	-	6.8	15.5	2.49
EAST SOUTH CENTRAL	68.1	3.31	-	9.5	-	3.1	49.8	1.52	-	.9	-	3.9	117.9	2.55
PADUCAH	4.7	3.22	-	7.8	-	.7	2.6	1.46	-	3.9	-	4.0	7.3	2.55
NASHVILLE	19.3	3.32	-	10.3	-	5.0	11.4	1.49	-	3.1	-	3.5	30.8	2.64
MEMPHIS	12.4	3.38	-	5.2	-	1.3	6.0	1.24	-	3.1	-	.3	18.4	2.68
TENNESSEE VALLEY	31.7	3.29	-	11.0	-	3.9	29.7	1.59	-	1.7	-	5.0	61.4	2.47
WEST SOUTH CENTRAL	302.4	3.39	-	5.4	-	.4	95.4	1.33	-	2.6	-	.6	397.8	2.90
NORTHERN GROUP														
CENTRAL ARKANSAS	13.4	3.35	-	5.7	-	1.6	6.7	1.63	-	4.0	-	6.7	20.0	2.77
FORT SMITH	1.3	3.31	-	4.8	-	15.3	.9	1.45	-	.7	-	19.9	2.2	2.56
OKLAHOMA METROPOLITAN	25.5	3.28	-	7.4	-	4.1	9.3	1.45	-	8.4	-	4.1	34.8	2.80
RED RIVER VALLEY	8.9	3.34	-	4.4	-	1.3	1.8	1.13	-	7.9	-	1.5	10.7	2.56
TEXAS PANHANDLE	6.0	3.37	-	2.8	-	2.8	1.5	1.45	-	11.0	-	6.3	7.5	2.58
LUBBOCK - PLAINVIEW	4.6	3.38	-	3.1	-	3.3	1.5	1.43	-	1.3	-	2.5	6.1	2.50
SOUTHERN GROUP														
GREATER LOUISIANA	37.9	3.55	-	4.5	-	.3	10.9	1.53	-	.7	-	.5	48.8	3.05
NEW ORLEANS - MISS.	46.7	3.56	-	11.6	-	5.3	13.6	1.34	-	.4	-	4.2	60.4	3.06
TEXAS	158.1	3.33	-	3.6	-	1.5	49.1	1.21	-	4.3	-	.6	207.2	2.83
MOUNTAIN	103.4	3.38	-	3.1	-	1.6	82.6	1.73	-	1.9	-	6.1	186.0	2.65
EASTERN COLORADO	25.3	3.34	-	5.7	-	1.2	25.0	1.78	-	.8	-	4.7	50.2	2.57
GREAT BASIN	14.1	3.32	-	5.0	-	1.8	24.0	1.92	-	3.0	-	6.7	38.1	2.44
WESTERN COLORADO	2.2	3.29	-	10.2	-	1.8	1.8	1.97	-	3.2	-	7.7	4.1	2.65
CENTRAL ARIZONA	29.3	3.50	-	1.1	-	2.0	20.3	1.50	-	3.7	-	4.4	49.6	2.68
RIO GRANDE VALLEY	24.8	3.34	-	3.1	-	.8	7.3	1.49	-	.3	-	2.9	32.1	2.52
LAKE MEAD	7.7	3.30	-	3.8	-	4.6	4.3	1.85	-	.9	-	5.3	12.0	2.78
PACIFIC	55.1	3.34	-	4.6	-	.3	85.5	1.80	-	1.9	-	6.2	140.6	2.40
PUGET SOUND	22.1	3.32	-	.6	-	3.3	33.9	1.82	-	1.6	-	5.5	56.1	2.41
INLAND EMPIRE	4.4	3.29	-	3.3	-	1.7	9.3	1.75	-	1.2	-	6.1	13.6	2.24
OREGON - WASHINGTON	28.6	3.36	-	7.6	-	3.1	42.3	1.80	-	2.3	-	6.9	70.9	2.43
COMBINED AREAS 146)	1,691.6	3.32	-	8.0	-	2.8	1,159.0	1.51	-	.6	-	4.3	2,850.7	2.59
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 4/	1,733.8	---	-	4.8	-	2.8	1,190.9	---	-	4.4	-	4.3	2,923.5	---
NEW YORK-NEW JERSEY 5/	---	---	-	---	-	---	---	---	-	---	-	---	380.1	---

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.
2/ Plain and flavored whole milk.
3/ Plain, fortified, and flavored skim and lowfat milk and buttermilk.
4/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS-233, August 1979.
5/ Small amount of sales estimated.

TABLE 9 -- PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1979 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY					FEBRUARY					MARCH							
	SALES	MIL. LB.	BF. CON- TENT	CHANGE 1979			SALES	MIL. LB.	BF. CON- TENT	CHANGE 1979			SALES	MIL. LB.	BF. CON- TENT	CHANGE 1979		
				MONTH	YEAR TO DATE	PERCENT				MONTH	YEAR TO DATE	PERCENT				MONTH	YEAR TO DATE	PERCENT
FLUID WHOLE MILK PRODUCTS *	1,903		3.33	- 1.0 -	1.0	1,683		3.33	- 2.8 -	1.9	1,881		3.32	- 1.0 -	1.6			
WHOLE MILK	1,828		3.33	- .9 -	.9	1,613		3.33	- 2.4 -	1.6	1,800		3.32	- .9 -	1.4			
FLAVORED WHOLE MILK PRODUCTS	75		3.36	- 5.0 -	5.0	70		3.34	- 9.6 -	7.2	81		3.32	- 3.2 -	5.9			
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,245		1.52	8.3	8.3	1,114		1.51	5.2	6.8	1,256		1.50	6.8	6.8			
2% LOWFAT MILK PRODUCTS 2/																		
2% LOWFAT MILK - PLAIN	696		1.79	15.9	15.9	613		1.80	12.5	14.3	693		1.80	13.2	13.9			
2% LOWFAT MILK - MILK SOLIDS ADDED	257		1.58	- 7.1 -	7.1	232		1.57	- 8.5 -	7.8	253		1.57	- 7.2 -	7.6			
SKIM MILK PRODUCTS																		
SKIM MILK - PLAIN	83		.25	25.5	25.5	78		.25	26.0	25.8	90		.25	30.6	27.5			
SKIM MILK - MILK SOLIDS ADDED	57		.29	- 11.7 -	11.7	54		.31	- 12.9 -	12.3	60		.29	- 15.6 -	13.5			
FLAVORED LOWFAT AND SKIM MILK PRODS	99		1.39	14.6	14.6	89		1.42	3.0	8.8	104		1.40	10.8	9.5			
BUTTERMILK	54		1.06	- 3.8 -	3.8	49		1.06	- 4.9 -	4.3	56		1.05	- 3.0 -	3.9			
TOTAL	3,148		2.61	2.5	2.5	2,797		2.60	.3	1.4	3,137		2.59	2.0	1.6			
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,117		---	.3 -	.3	2,797		---	.3 -	.1	3,078		---	1.4	.4			
PRODUCT NAME	APRIL					MAY					JUNE							
FLUID WHOLE MILK PRODUCTS *	1,698		3.32	- 3.4 -	2.0	1,762		3.31	- 3.5 -	2.3	1,655		3.31	- 1.5 -	2.2			
WHOLE MILK	1,628		3.31	- 2.7 -	1.7	1,685		3.31	- 3.1 -	2.0	1,610		3.31	- 1.2 -	1.9			
FLAVORED WHOLE MILK PRODUCTS	70		3.32	- 16.6 -	8.7	77		3.30	- 10.0 -	8.9	45		3.32	- 10.8 -	9.1			
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,137		1.49	3.0	5.9	1,177		1.49	3.1	5.3	1,068		1.50	4.3	5.2			
2% LOWFAT MILK PRODUCTS 2/																		
2% LOWFAT MILK - PLAIN	632		1.79	11.1	13.2	656		1.78	11.4	12.9	618		1.78	10.8	12.5			
2% LOWFAT MILK - MILK SOLIDS ADDED	225		1.58	- 11.6 -	8.6	224		1.58	- 14.1 -	9.7	220		1.57	- 6.6 -	9.2			
SKIM MILK PRODUCTS																		
SKIM MILK - PLAIN	83		.24	26.3	27.2	83		.24	20.5	25.8	77		.24	19.2	24.7			
SKIM MILK - MILK SOLIDS ADDED	56		.30	- 14.7 -	13.8	61		.31	- 8.6 -	12.7	53		.30	- 11.1 -	12.5			
FLAVORED LOWFAT AND SKIM MILK PRODS	91		1.39	- 4.6	5.8	100		1.39	.3	4.6	45		1.42	- 8.2	3.4			
BUTTERMILK	50		1.05	- 7.1 -	4.7	53		1.04	- 5.8 -	4.9	54		1.04	- 4.5 -	4.8			
TOTAL	2,835		2.59	- .9	1.0	2,939		2.58	- .9	.6	2,722		2.60	.7	.6			
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,900		---	- 1.2	0	2,912		---	- .9	.2	2,688		---	.9	0			

Continued

TABLE 9 -- PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1979 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	BF. CGN- TENT	CHANGE 1979		SALES	BF. CGN- TENT	FROM 1978		SALES	BF. CGN- TENT	FROM 1978	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MIL.LB.		PERCENT		MIL.LB.		PERCENT		MIL.LB.		PERCENT		
FLUID WHOLE MILK PRODUCTS *	1,628	3.32	- 2.4	- 2.2	1,742	3.31	- 1.6	- 2.1	1,692	3.32	- 8.0	- 2.8
WHOLE MILK	1,588	3.32	- 2.2	- 1.9	1,695	3.31	- 1.4	- 1.8	1,623	3.32	- 7.5	- 2.5
FLAVORED WHOLE MILK PRODUCTS	40	3.36	- 8.1	- 9.0	47	3.34	- 9.2	- 9.1	69	3.34	- 18.1	- 10.2
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,032	1.50	4.0	5.0	1,118	1.51	5.0	5.0	1,155	1.51	- .6	4.3
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	617	1.76	15.1	12.9	669	1.77	14.3	13.1	669	1.77	7.4	12.4
2% LOWFAT MILK - MILK SOLIDS ADDED	201	1.63	- 17.5	- 10.3	211	1.62	- 14.8	- 10.9	206	1.62	- 17.6	- 11.6
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	73	.23	9.7	22.5	84	.26	22.7	22.6	84	.25	12.9	21.4
SKIM MILK - MILK SOLIDS ADDED	54	.31	- .1	- 11.0	52	.30	- 10.2	- 10.9	47	.31	- 23.7	- 12.3
FLAVORED LOWFAT AND SKIM MILK PROCS	35	1.43	- 7.2	2.7	49	1.43	- 3.2	2.2	104	1.43	1.8	2.1
BUTTERMILK	52	1.04	- 5.6	- 4.5	53	1.06	- 4.5	- 4.9	48	1.06	- 10.1	- 5.4
TOTAL	2,660	2.61	.0	.5	2,860	2.61	.9	.6	2,851	2.59	- 5.1	- .1
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,708	---	.1	0	2,824	---	.5	.1	2,923	---	- 1.5	- .1

* May include small amounts of miscellaneous whole milk, and lowfat and skim milk products.

1/ See Table 8 for 46 markets included. Excludes the New York-New Jersey market.

2/ Includes 1% lowfat milk products.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in FMOS-233, August 1979.

TABLE 10-- PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1979, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LCW/FAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 7/	PERCENT	MIL. LB.	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 7/	PERCENT	MIL. LB.	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 7/	PERCENT	MIL. LB.	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 7/	PERCENT	MIL. LB.
NEW ENGLAND	184	3.33	- 4.4		56	.95	- .2		2.9	10.7	- .3		3.7	22.3	- 7.5		248	3.17	- 3.5	
MIDDLE ATLANTIC	158	3.28	- 5.9		77	1.33	2.0		1.5	11.1	- 12.6		1.2	21.8	- 1.7		239	2.79	- 3.6	
SOUTH ATLANTIC	166	3.29	- 6.7		79	1.23	- 3.4		1.6	10.5	4.0		0.9	21.8	- 12.7		249	2.74	- 5.6	
EAST NORTH CENTRAL	533	3.28	- 12.7		429	1.59	- 1.2		9.3	10.7	- 6.8		9.7	17.5	4.1		984	2.75	- 7.8	
WEST NORTH CENTRAL	161	3.29	- 12.8		239	1.56	- 2.0		4.2	11.1	- 3.1		3.5	22.1	- .4		409	2.51	- 6.6	
EAST SOUTH CENTRAL	79	3.33	- 6.3		52	1.49	3.8		0.3	11.7	.7		0.5	21.8	3.6		132	2.68	- 2.5	
WEST SOUTH CENTRAL	328	3.39	- 3.7		101	1.33	- .5		2.0	11.2	- 6.3		2.2	21.0	1.5		434	3.03	- 3.0	
MOUNTAIN	99	3.37	- 3.9		82	1.72	2.2		2.0	11.1	- 4.2		1.9	21.5	3.7		188	2.89	- 1.0	
PACIFIC	56	3.33	- 6.2		87	1.79	.9		1.9	11.1	- 2.7		1.4	24.8	- 4.2		148	2.71	- 2.0	
TOTAL OF REGIONS	1,763	3.32	- 8.2		1,203	1.51	- .6		25.6	10.9	- 4.6		25.0	20.3	- .1		3,031	2.80	- 5.2	

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes yogurt and eggnog.

7/ Percentage changes over the previous year are based on the same number of comparable markets.

TABLE 11-- PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1979 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 2/		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 2/		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
MILK AND CREAM MIXTURES	26,652	10.9	1.9	1.9	25,000	10.9	1.1	1.5	28,309	10.8	.5	1.2
TOTAL CREAM PRODUCTS	23,183	20.2	2.4	2.4	23,435	20.7	2.3	.0	26,658	20.8	- 11.4	- 4.5
LIGHT CREAM	4,114	18.6	- 1.5	- 1.5	3,960	19.0	- 4.6	- 3.1	4,489	19.4	- 11.5	- 6.3
HEAVY CREAM	4,053	34.6	3.2	3.2	4,407	34.6	- 4.7	- 1.1	5,156	34.8	- 22.2	- 10.3
SOUR CREAM	15,017	16.8	3.3	3.3	15,068	17.0	- 1.0	1.1	17,013	17.0	- 7.6	- 2.2
YOGURT	14,141	2.0	---	---	14,820	1.9	---	---	16,942	1.9	---	---
EGGNOG	164	7.7	---	---	22	7.2	---	---	185	6.5	---	---
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 2/		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 2/		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MILK AND CREAM MIXTURES	26,325	10.8	1.8	1.3	28,010	10.8	.8	1.2	28,092	10.9	2.2	1.4
TOTAL CREAM PRODUCTS	26,482	21.2	7.5	1.6	28,245	21.1	- 3.5	- 2.0	28,842	20.8	2.1	- 1.3
LIGHT CREAM	4,085	18.7	- 8.1	- 6.7	4,743	18.9	- 3.8	- 6.1	4,673	19.1	.3	- 5.0
HEAVY CREAM	6,063	34.1	18.0	- 3.1	6,216	34.3	- 6.1	- 3.8	6,097	34.7	- 4.6	- 4.0
SOUR CREAM	16,334	17.0	8.6	.4	17,286	16.9	- 2.4	.2	18,072	16.6	5.0	.7
YOGURT	16,822	2.0	---	---	18,970	1.9	---	---	17,229	1.9	---	---
EGGNOG	692	7.1	---	---	9	11.9	---	---	8	6.0	---	---

Continued

TABLE 11 -- PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1979 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	BF. CCN- TENT	CHANGE 1979 FROM 1978 2/		SALES	BF. CCN- TENT	CHANGE 1979 FROM 1978 2/		SALES	BF. CCN- TENT	CHANGE 1979 FROM 1978 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
MILK AND CREAM MIXTURES	27,571	10.9	.7	1.3	28,965	10.9	3.2	1.5	25,585	10.9	-	4.6 .9
TOTAL CREAM PRODUCTS	28,273	20.7	4.4 -	.5	28,955	20.4	4.6	.2	24,957	20.3	-	.1 .2
LIGHT CREAM	4,493	18.7	-	2.5 -	4,640	18.4	.4	-	4,295	18.1	-	2.4 -
HEAVY CREAM	5,827	34.4	-	.4 -	5,636	33.5	3.5	-	4,555	34.4	-	4.3 -
SOUR CREAM	17,953	16.7	8.0	1.7	18,678	16.9	6.0	2.3	16,107	16.9	-	1.8 2.3
YOGURT	16,768	1.9	---	---	16,665	1.9	---	---	14,744	1.8	---	---
EGGNOG	8	6.5	---	---	32	5.1	---	---	47	8.5	---	---

1/ Total packaged disposition in and out of the marketing area by regulated handlers. Excludes the New York-New Jersey market.

2/ Percentage changes over the previous year are based on the same number of comparable markets.

TABLE 12 -- MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1978 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
PRODUCT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	7,601	112,530	39,517	33,793	45,440	66,645	2,321	23,125	330,973
SOUTH ATLANTIC	825	4,470	9,862	299	466	1,068	2,526	7,779	27,295
EAST NORTH CENTRAL	25,204	550,756	78,309	122,317	109,839	104,334	6,987	73,291	1,071,038
WEST NORTH CENTRAL	22,299	365,383	33,759	42,516	151,442	22,198	1,846	20,476	659,918
EAST SOUTH CENTRAL	880	8,973	10,504	4,628	1,302	3,037	677	6,344	36,343
WEST SOUTH CENTRAL	1,822	12,235	22,402	22,328	6,782	10,446	5,086	16,718	97,819
MOUNTAIN	1,673	32,579	15,757	20,643	3,059	6,010	2,604	5,621	87,946
PACIFIC	8,261	57,238	12,305	19,110	42,783	4,937	661	4,335	149,631
TOTAL OF REGIONS 5/	68,565	1,144,163	222,416	265,634	361,114	218,675	22,707	157,689	2,460,963
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	2,118	3,812	6,234	374	47	967	0	1,247	14,797
SOUTH ATLANTIC	287	154	1,874	7	0	14	0	338	2,674
EAST NORTH CENTRAL	10,151	21,189	9,321	1,195	133	981	0	2,947	45,918
WEST NORTH CENTRAL	9,176	13,170	3,448	464	84	213	0	908	27,464
EAST SOUTH CENTRAL	347	318	1,349	47	0	107	0	256	2,425
WEST SOUTH CENTRAL	745	377	2,864	234	5	238	0	645	5,108
MOUNTAIN	605	1,201	1,359	172	2	84	0	238	3,660
PACIFIC	2,900	2,257	1,117	174	38	138	0	228	6,853
TOTAL OF REGIONS 5/	26,330	42,478	27,565	2,668	309	2,742	0	6,807	108,900

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products, dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 13 -- MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1979 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
PRODUCT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	7,289	103,233	35,284	43,543	60,795	56,544	2,137	28,849	337,674
SOUTH ATLANTIC	352	3,091	9,860	1,191	0	54	2,379	7,919	24,845
EAST NORTH CENTRAL	26,605	638,664	72,013	106,763	104,673	110,640	5,471	71,990	1,136,818
WEST NORTH CENTRAL	20,299	470,729	33,620	36,814	137,432	19,843	1,618	20,876	741,231
EAST SOUTH CENTRAL	2,120	19,295	9,683	5,262	454	1,904	708	6,008	45,434
WEST SOUTH CENTRAL	1,379	5,622	21,956	17,240	4,454	7,506	3,741	16,075	77,972
MOUNTAIN	1,800	34,443	15,373	21,345	2,257	4,334	2,253	5,463	87,268
PACIFIC	9,628	61,337	11,893	17,829	45,980	7,498	534	4,559	159,258
TOTAL OF REGIONS 5/	69,472	1,336,413	209,682	249,986	356,045	208,322	18,842	161,738	2,610,500
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	2,483	3,734	5,927	908	53	699	0	1,195	14,998
SOUTH ATLANTIC	126	118	1,883	10	0	0	0	311	2,448
EAST NORTH CENTRAL	10,174	24,143	8,730	1,080	156	1,050	0	3,146	48,478
WEST NORTH CENTRAL	8,380	17,009	3,557	477	72	193	0	970	30,657
EAST SOUTH CENTRAL	726	698	1,352	50	0	1	0	324	3,151
WEST SOUTH CENTRAL	521	191	2,841	212	0	265	0	606	4,636
MOUNTAIN	679	1,269	1,401	173	1	96	0	231	3,850
PACIFIC	2,783	2,395	1,163	153	48	275	0	202	7,019
TOTAL OF REGIONS 5/	25,871	49,555	26,855	3,062	330	2,578	0	6,985	115,236

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products, dumped or spilled; and plant loss.

5/ Total may not add due to rounding.

TABLE 14--PERCENTAGE OF WHOLE MILK EQUIVALENT USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, IN FEDERAL ORDER MARKETS, JANUARY 1979 TO DATE, WITH COMPARISONS 1/

Manufactured dairy products	January		February		March		April		May		June	
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	Percent											
Butter	32.8	35.7	31.1	33.9	27.7	31.4	27.2	30.1	27.3	29.0	23.3	25.0
Cheese	39.7	36.7	40.9	37.6	41.3	38.5	43.1	40.3	42.0	40.7	43.9	41.0
Frozen desserts	16.8	16.3	17.7	18.4	19.4	19.0	19.4	20.2	20.9	20.7	22.4	23.3
Cottage cheese	2.1	1.9	1.9	2.0	2.1	2.1	1.9	1.9	2.2	2.0	2.3	2.1
All other 2/	8.6	9.4	8.4	8.1	9.5	9.0	8.4	7.5	7.6	7.6	8.1	8.6
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	Percent											
Butter	21.6	22.9	20.0	21.4	22.5	24.2						
Cheese	43.5	41.3	42.1	39.2	43.0	39.0						
Frozen desserts	24.7	24.4	26.5	27.6	23.3	25.3						
Cottage cheese	2.1	2.1	2.6	2.3	2.7	2.4						
All other 2/	8.1	9.3	8.8	9.5	8.5	9.1						
	100.0	100.0	100.0	100.0	100.0	100.0						

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and nonfat dry milk, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

TABLE 15--FEDERAL MILK ORDER BASE AND EXCESS PRICES IN VARIOUS MARKETING AREAS, OCTOBER, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT			
	BASE		EXCESS	
	OCT 1979	OCT 1978	CCT 1979	OCT 1978
	<u>DOLLARS</u>			
MIDDLE ATLANTIC	12.88	11.56	11.26	10.19
GEORGIA 2/	13.40	11.91	11.30	10.19
SOUTHERN MICHIGAN	12.18	10.91	11.25	10.18
PUGET SOUND 2/	12.85	11.53	11.25	10.19
OREGON-WASHINGTON	12.49	11.17	11.25	10.18

1/ See footnotes on Table 2 for location at which price is reported.

2/ Class I base plan.

TABLE 16--FEDERAL MILK ORDER SEASONAL INCENTIVE PAYMENT PLANS IN VARIOUS MARKETING AREAS, OCTOBER, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	AMOUNTS PER HUNDREDWEIGHT	
	CCT 1979	OCT 1978
	<u>DOLLARS</u>	
NEW ENGLAND	.42	.44
NEW YORK-NEW JERSEY	.44	.45
EAST. OHIO-WEST. PENNSYLVANIA	.28	.28
OHIO VALLEY	.28	.26
INDIANA 2/	.22	
CENTRAL ILLINOIS	.60	.32
SOUTHERN ILLINOIS	.36	.38
LOUISVILLE-LEXINGTON-EVANSVILLE	.44	.45
ST. LOUIS-OZARKS	.35	.32
PADUCAH	.55	.49

1/ During this month, these amounts are added to the blend price and thus repaid to producers.

2/ Seasonal incentive plan was suspended for the period April through December 1978.

TABLE 17--DAIRY PRODUCT PRICES AND MANUFACTURING MILK PRICES JANUARY 1979 TO DATE WITH COMPARISONS

Month	Dairy product market prices											
	BUTTER 1/		CHEDDAR CHEESE 1/		NONFAT DRY MILK 2/		DRIED WHEY, EDIBLE 1/					
	Chicago	New York	Wisconsin assembling points	Blocks	Chicago area plant	Spray process	Central States production area	NonHygro/Hygro 3/				
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
Cents per pound												
Jan.	111.30	100.71	116.48	104.88	110.57	93.09	119.50	100.08	76.30	68.00	10.02	17.54
Feb.	111.30	100.71	116.73	104.42	107.47	95.80	118.64	100.84	75.79	67.84	9.58	16.09
Mar.	114.08	101.15	122.41	107.55	111.05	97.00	119.72	101.38	76.46	67.98	10.10	14.13
Apr.	120.74	105.20	125.75	109.94	113.74	98.25	121.25	102.62	77.61	69.71	10.39	11.28
May	121.80	106.71	126.04	110.35	112.12	98.25	121.11	102.62	78.94	70.71	10.08	11.42
June	121.80	106.71	125.89	111.62	112.68	98.25	121.80	102.62	78.92	70.75	9.42	12.40
July	122.72	107.94	129.43	113.38	114.77	98.56	123.65	102.92	79.16	70.56	9.08	13.08
Aug.	128.71	116.71	136.41	122.15	122.06	105.01	128.52	109.08	79.75	71.29	9.44	13.40
Sept.	127.80	115.81	137.91	122.88	124.35	106.50	131.50	110.75	80.96	72.33	10.46	13.53
Oct.	128.77	115.64	136.17	123.44	119.86	111.01	128.80	115.52	82.94	73.61	10.72	13.41
Nov.	121.12		128.59			112.62		117.12		74.23		12.11
Dec.	118.76		127.77			112.62		119.38		75.71		11.06
Av.	109.76		115.58			102.25		107.08		71.06		13.29

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content											
	Minnesota-Wisconsin manufacturing		Butter powder									
	grade milk 4/	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1978
Dollars per 100 lb.												
Jan.		10.55	8.91			10.45				9.33		
Feb.		10.52	9.00			10.41				9.31		
Mar.		10.59	9.09			10.58				9.34		
Apr.		10.63	9.24			10.96				9.65		
May		10.67	9.25			11.11				9.80		
June		10.76	9.26			11.11				9.80		
July		10.87	9.33			11.17				9.84		
Aug.		11.09	9.68			11.47				10.27		
Sept.		11.32	9.90			11.53				10.32		
Oct.		11.25	10.18			11.73				10.41		
Nov.			10.44							10.69		
Dec.			10.60							10.72		

1/ "Dairy Market News," AMS.

2/ 26th of preceding month through 25th of current month, as reported by Economics, Statistics, and Cooperatives Service.

3/ Simple average of hygroscopic and nonhygroscopic.

4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by ESCS. 3.5 percent price converted by using Chicago Grade A butter price times 0.120.

5/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

TABLE 18--UNITED STATES MILK PRICES AND UNITED STATES MILK FEED RATIO, JANUARY 1979 TO DATE, WITH COMPARISONS

	U.S. milk prices						U.S. milk prices, 3.5 percent butterfat basis 1/						
	All milk			Manufacturing			All milk			Milk eligible			
	wholesale 2/			grade milk 2/			wholesale 2/			for fluid			
	1979**			1979**			1979**			market 2/			
Month	Parity	Price	Per-	Parity	Price	Av.	% of	Parity	Price	1979**	1978**	1979**	1978**
	price	at	cent	price	at	fat	fat	price	equiv.	5/	price	price	price
	3/	test	ity	4/	alent	test	test	equiv.	5/	price	price	price	price
	Dollars per 100 pounds												
Jan.	15.30	11.90	75	13.31	10.90	3.82	80.4	11.47	9.76	11.67	10.12	10.47	8.83
Feb.	15.60	11.90	75	13.57	10.80	3.78	78.5	11.51	9.86	11.70	10.16	10.42	8.91
Mar.	15.90	11.80	74	13.83	10.80	3.72	77.6	11.50	9.92	11.70	10.12	10.50	9.02
Apr.	16.10	11.60	71	14.01	10.70	3.67	76.4	11.37	9.91	11.58	10.11	10.45	9.11
May	16.20	11.50	74	14.09	10.80	3.62	77.1	11.35	9.97	11.57	10.17	10.62	9.13
June	16.30	11.50	75	14.18	10.80	3.56	77.3	11.44	9.95	11.66	10.16	10.71	9.18
July	16.30	11.60	75	14.18	10.80	3.52	77.7	11.60	10.09	11.80	10.30	10.77	9.23
Aug.	16.30	12.00	75	14.18	11.10	3.54	79.7	11.97	10.47	12.18	10.69	11.04	9.56
Sept.	16.50	12.40	74	14.36	11.40	3.63	79.8	12.26	10.77	12.38	10.89	11.20	9.78
Oct.	16.60	12.60	73	14.44	11.60	3.76	79.4	12.27	11.01	12.51	11.22	11.20	10.12
Nov.									11.19		11.41		10.32
Dec.									11.33		11.54		10.39
Si. av.									10.35		10.57		9.46

Month	U.S. milk prices, 3.5 percent butterfat basis 1/										U.S. milk-feed	
	Paid farmers for milk used in:										price ratio 2/ 7/	
	Butter 6/		American		cheese 6/		Evaporated		milk 6/		1979*	1978*
	1979*	1978*	1979*	1978*	1979*	1978*	1979*	1978*	1979*	1978*		
Dollars per 100 pounds												
Jan.	10.32	8.78	10.49	8.87	10.14	8.52	1.61	1.50				
Feb.	10.32	8.85	10.44	8.95	10.10	8.63	1.59	1.52				
Mar.	10.37	8.95	10.56	9.07	10.21	8.69	1.58	1.51				
Apr.	10.41	9.10	10.57	9.15	10.25	8.87	1.56	1.47				
May	10.51	9.08	10.64	9.16	10.38	8.89	1.53	1.47				
June	10.54	9.16	10.73	9.20	10.45	8.93	1.51	1.43				
July	10.60	9.20	10.79	9.26	10.50	8.96	1.43	1.45				
Aug.	10.89	9.55	11.06	9.62	10.68	9.12	1.50	1.54				
Sept.	11.09	9.72	11.24	9.85	10.86	9.38	1.54	1.59				
Oct.	11.09	10.03	11.18	10.23	10.92	9.58	1.55	1.64				
Nov.		10.27		10.40		9.81	1.62					
Dec.		10.35		10.50		10.05	1.63					
Sl. av.		9.42		9.52		9.12	1.53					

* Preliminary. ** Based on partially revised data. 1/ Converted by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices." ESCS. 3/ Parity prices shown are based on data for the current month. 4/ Seasonally adjusted. 5/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price time 0.120 as a percentage of parity price equivalent. 6/ "Dairy Products," ESCS. 7/ Pounds of 16% mixed dairy feed equal in value to one pound of milk sold to plants.

TABLE 19--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1979 TO DATE, WITH COMPARISONS

Month	General price measures											
	Prices paid by farmers						Price received by farmers					
	1/ 2/						Livestock & products					
	All farm products						Dairy products					
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	Indexes 1967=100											
Jan.	234	209	232	186	252	185	236	203	236	203	99	89
Feb.	238	211	241	192	264	196	236	203	236	203	101	91
Mar.	243	214	246	200	274	204	234	203	234	203	101	93
Apr.	246	216	244	208	272	209	230	201	230	201	99	96
May	248	219	246	214	269	217	229	198	229	198	99	98
June	249	220	244	217	255	219	229	199	229	199	98	99
July	251	220	244	214	250	218	230	201	230	201	97	98
Aug.	251	221	237	211	239	217	238	208	238	208	94	95
Sept.	254	223	241	217	255	226	246	217	246	217	95	97
Oct.	256	224	236	218	248	232	250	224	250	224	92	97
Nov.		225		215		228		230		230		96
Dec.		226		222		237		234		234		98
Av.		219		209		216		210		210		96

Month	General price measures											
	Wholesale 4/						Retail 5/					
	All commodities						All items					
	Dairy products						All food products					
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	Indexes 1967=100											
Jan.	220.8	199.9	203.4	178.0	204.7	187.2	223.9	199.2	198.4	177.7		
Feb.	224.1	202.0	203.1	178.7	207.1	188.4	228.2	202.0	200.6	178.8		
Mar.	226.7	203.8	204.8	180.3	209.1	189.8	230.4	204.2	201.5	179.3		
Apr.	230.0	206.4	207.0	184.5	211.5	191.5	232.3	207.5	202.4	181.6		
May	232.0	207.9	207.9	184.5	214.5	193.3	234.3	210.3	203.8	183.5		
June	233.1	209.4	208.3	185.4	216.6	195.3	235.4	213.8	205.5	184.8		
July	236.6	210.6	209.0	186.1	218.9	196.7	236.9	215.0	206.3	185.3		
Aug.	238.1	210.4	215.2	190.8	221.1	197.8	236.3	215.4	208.6	186.1		
Sept.	241.7	212.3	218.3	192.9	223.4	199.3	237.1	215.6	211.3	188.8		
Oct.	245.2	215.0	218.2	197.0	225.4	200.9	238.2	216.8	213.3	191.1		
Nov.	215.7		199.6		202.0		217.8		193.2			
Dec.	217.4		202.7		202.9		219.4		196.4			
Av.	209.2		188.4		195.4		211.4		185.6			

1/ "Agricultural Prices," ESOS.

2/ For commodities and services, interest, taxes, and wage rates.

3/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

4/ "Wholesale Prices and Price Index," Bureau of Labor Statistics, U.S. Department of Labor.

5/ "Consumer Price Index," BLS.

TABLE 20--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED DAIRY PRODUCTS,
UNITED STATES CITY AVERAGE, 1979 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products	
	:Percent		:Percent		:Percent		:Percent	
	: Index <u>2/</u> :change		: Index <u>2/</u> :change		: Index <u>3/</u> :change		: Index <u>3/</u> :change	
	: :from		: :from		: :from		: :from	
	:1978		:1978		:1978		:1978	
Jan.	183.5	11.3	195.8	15.4	112.9	12.3	111.8	12.5
Feb.	186.0	12.4	193.3	14.2	113.9	12.5	112.7	11.9
Mar.	186.5	12.1	194.5	14.2	114.6	13.1	113.4	12.4
Apr.	186.5	10.8	196.6	13.4	115.5	12.7	114.3	11.9
May	188.1	10.6	199.4	14.3	116.3	12.7	115.2	10.0
June	189.4	10.5	199.9	13.7	116.9	12.4	116.9	11.4
July	190.0	10.7	200.6	13.7	117.7	12.7	117.0	11.6
Aug.	192.8	12.0	203.0	12.3	118.4	13.0	117.8	11.7
Sept.	195.4	12.2	209.9	12.2	120.1	12.6	120.1	12.9
Oct.	197.6	12.0	213.3	12.7	121.0	12.2	120.4	11.5
Nov.	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:

1/ "CPI Detailed Report," BLS, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas.

2/ The standard reference base period for these indexes is 1967=100.

3/ The standard reference base period for these indexes is December 1977=100.

TABLE 21--U.S. PRODUCTION, JANUARY 1979 TO DATE, WITH COMPARISONS

Month	Milk <u>1/</u>		Butter <u>2/</u>		Total cheese <u>2/</u>		Nonfat dry milk <u>2/</u>		Frozen desserts <u>2/</u>	
	1979*	1978**	1979*	1978**	1979*	1978**	1979*	1978**	1979*	1978**
	Bil. pounds		Mil. pounds				Mil. gallons			
Jan.	10.0	10.0	97.4	108.3	288.9	274.0	55.1	79.7	74.3	69.5
Feb.	9.4	9.3	86.6	95.7	276.0	260.6	54.9	70.6	76.9	75.5
Mar.	10.6	10.5	89.3	97.7	323.0	311.8	76.1	84.4	99.3	98.6
Apr.	10.6	10.6	92.4	98.5	317.7	306.2	87.8	96.4	97.2	95.2
May	11.2	11.2	98.6	96.7	339.7	328.7	104.8	103.0	108.6	108.2
June	11.0	10.9	84.7	84.7	344.7	332.9	112.2	113.5	119.3	126.0
July	10.7	10.5	74.8	73.7	319.0	297.0	94.4	98.2	118.0	119.4
Aug.	10.4	10.2	64.9	64.2	310.9	284.6	78.7	78.6	123.8	123.1
Sept.	10.0	9.7	61.5	64.5	291.4	264.9	55.6	59.1	100.6	103.1
Oct.	10.1	9.8	76.8	71.1	304.0	279.4	58.1	49.0	93.0	90.6
Nov.	:	9.4	:	66.7	:	276.3	:	41.9	:	79.2
Dec.	:	9.8	:	77.2	:	300.1	:	54.4	:	71.0
Year to date <u>3/</u>	103.9	121.9	827.0	999.0	3,115.1	3,516.5	777.8	928.8	1,010.8	1,159.6

* Preliminary.

** Partially revised.

1/ "Milk Production," ESCS.

2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.

3/ May not add due to rounding.

TABLE 22--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1979 TO DATE WITH COMPARISONS

Month	Storage Holdings <u>1/</u>											
	Butter <u>2/</u>				Total Cheese <u>2/</u>				Nonfat dry milk			
	Total				Total				Total			
	Commer- cial 1979	Gov't 1979*	1979* 3/	1978**	Commer- cial 1979*	Gov't 1979*	1979* 3/	1978**	Commer- cial 1979	Gov't 1979*	1979* 3/	1978**
Jan.	22.2	186.4	208.6	198.7	430.9	5.9	436.8	460.2	37.0	523.0	560.0	689.4
Feb.	28.5	186.2	214.7	215.9	443.0	3.3	446.2	442.6	40.8	508.5	549.3	681.4
Mar.	31.6	177.9	209.5	235.6	436.6	3.2	439.9	431.0	51.2	472.8	524.0	662.1
Apr.	35.6	180.9	216.5	245.6	450.6	2.2	452.9	448.2	84.4	433.6	518.1	686.5
May	48.2	190.9	239.1	264.6	493.6	1.7	495.3	462.3	110.1	414.5	524.6	687.7
June	55.2	204.9	260.1	280.9	516.9	3.0	519.9	501.0	128.3	410.0	538.3	701.6
July	56.5	200.8	257.3	312.7	551.9	3.4	555.3	501.6	123.2	435.6	558.8	713.6
Aug.	56.4	182.1	238.5	282.4	545.3	3.2	548.3	491.1	110.2	450.1	560.3	701.7
Sept.	52.1	165.8	218.0	266.6	537.9	2.6	540.6	475.8	96.3	453.6	549.9	681.5
Oct.	51.6	155.5	207.1	251.8	523.0	1.3	524.3	455.0	92.7	423.6	516.3	639.5
Nov.				228.8				431.1				601.4
Dec.				206.9				426.7				585.1

* Preliminary.

** Based on partially revised data.

1/ End of month.2/ "Cold Storage Reports," ESCS.3/ May not add due to rounding.4/ "Dairy Products," ESCS.5/ "Summary of Processed Commodities in Store," Agricultural Stabilization and Conservation Service.

TABLE 23--U.S.D.A. PURCHASES (DELIVERY BASIS), JANUARY 1979 TO DATE, WITH COMPARISONS

Month	Butter <u>1/</u>		American cheese <u>1/</u>		Nonfat dry milk <u>1/</u>		Milk equivalent of net U.S.D.A. purchases <u>2/</u>	
	1979	1978	1979	1978	1979	1978	1979	1978
	1,000 pounds							
Jan.	9,264	25,994	0	1,446	3,150	29,059	194	554
Feb.	1,966	26,678	0	1,593	1,096	22,643	41	556
Mar.	0	2,128	0	244	824	12,086	3	43
Apr.	13,579	24,367	0	1,867	21,262	27,575	284	509
May	26,773	34,616	1,706	6,348	44,777	51,534	574	777
June	8,144	20,595	2,169	13,575	49,791	53,999	192	562
July	0	173	8,300	13,554	41,367	46,307	65	138
Aug.	0	0	268	5,712	14,961	18,839	- 44	- 86
Sept.	0	0	0	0	10,002	7,659	2	- 127
Oct.	9,757	0	716	0	18,619	6,927	211	- 4
Nov.		0		0		4,894		- 142
Dec.		37		0		3,442		- 36
Year to date	69,483	134,588	<u>3/</u> 13,159	<u>4/</u> 44,339	205,849	284,964	<u>5/</u> 1,522	<u>6/</u> 2,752

1/ "Dairy Price Support Activity Report," ASCS.2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; include purchases under price support Section 709, Section 32, and Section 4A programs.3/ Includes 716 thousand pounds purchased in 500-pounds barrels.4/ Includes 10,787 thousand pounds purchased in 500-pounds barrels, and 30,474 thousand pounds purchased as processed cheese.5/ Includes 30 million pounds (milk equivalent) of evaporated milk.6/ Includes 38 million pounds (milk equivalent) of evaporated milk.

TYPES OF ORGANIZATIONS OPERATING FLUID MILK PROCESSING PLANTS IN
FEDERAL MILK ORDER MARKETING AREAS*

During 1978, 39.4 billion pounds of fluid milk products--73 percent of all fluid milk consumed in the United States--were sold in Federal milk order marketing areas. This sales volume--equivalent to 4.6 billion gallons--was processed in nearly 1,200 fluid milk plants operated by close to 1,000 separate organizations (firms).

To get some idea as to the types of firms operating under Federal milk orders and their relative importance, a study was conducted of those handlers which distributed fluid milk products in Federal milk order marketing areas in December 1976. For purposes of this analysis, the individual marketing areas were grouped according to size. Detailed information on in-area sales by marketing area, by handler, were collected and analyzed. Following are some highlights of this analysis. (The author suggests that appendix A, "Definition of Terms," be read before proceeding further.)

- (1) During December 1976, nearly 3.5 billion pounds of fluid milk products were sold in 50 Federal milk order marketing areas. A total of 1,156 separate firms operating 1,388 fluid milk processing plants accounted for this sales volume. During this month, the average size handler distributed 3.0 million pounds of fluid milk products; this is equivalent to 351 thousand gallons. See Table A.
- (2) Of these 1,156 fluid milk processors and 1,388 plants, there were 1,105 local, single plant firms. The remaining 51 firms and 283 plants consist of 12 regional firms (80 plants), 6 national firms (119 plants), and 33 multiplant firms (84 plants) that do not meet the definitions of regional or national. See Table B.
- (3) Although local firms represented 95.6 percent of all firms, their share of total in-area sales was only 50.3 percent. In one marketing area, local firms distributed nearly 97 percent of total sales. See table D. On the other hand, the six national firms accounted for 20.5 percent of total sales. Among the individual marketing areas, the market share of national firms ranged from 0.2 to 56.5 percent. Over 16 percent of total sales were made by the 12 regional firms. The percentage of in-area sales in individual marketing areas that was controlled by regional firms varied from zero to 59.2 percent. Multiplant firms not classified as national or regional accounted for nearly 13 percent of all fluid milk sales.
- (4) There were 98 vertically-integrated firms. These vertically-integrated firms, operating 143 processing plants, controlled 20 percent of total in-area sales. See Tables C and D. The highest proportion of sales in any marketing area that was controlled by vertically-integrated firms was 23.2 percent. Of the ten largest vertically-integrated firms, six were regional or national.
- (5) There were 39 firms that were owned by cooperatives. Cooperative-owned distributing plants, of which there were 89, accounted for 12 percent of total sales. In one market, 79 percent of the fluid milk products sold were distributed from cooperative plants. Three of the cooperative firms also were classified as regional.
- (6) In every Federal order marketing area, at least one of the six national firms sold fluid milk. The largest national firm operated 39 plants under 21 Federal order marketing areas and distributed fluid milk products

in a total of 28 separate markets. Two national firms operated processing plants in seven separate regions of the country; one operated in six regions.

- (7) Regional firms were found in 45 of the 50 Federal milk order marketing areas. The largest regional firm sold fluid milk products in 20 marketing areas through five processing plants. Five of these regional firms were larger than the smallest national firm. On the average, regional fluid milk processing plants were larger than national plants.

* Prepared by John P. Rourke, agricultural marketing specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service. FMOS-238, October 1979 Summary.

APPENDIX A--DEFINITION OF TERMS

1. Size group. In this analysis, the 50 Federal milk order marketing areas were categorized into five groups based on the volume of monthly in-area sales. The volumes associated with these five groups are: Very Small-less than 12.0 million pounds, Small-12.0 to 23.9 million pounds, Medium-24.0 to 49.9 million pounds, Large-50.0 to 99.9 million pounds, and Very Large-greater than 100 million pounds. This grouping is similar to that used by Dr. Alden Manchester in his series of reports on handler structure in the fluid milk industry.

2 Type of firm. Four types of firms were identified--national, regional, multiplant, and local. A national firm is an organization that operates in three or more regions of the country; provided that, if the firm operates in three regions only, they cannot be adjacent. A regional firm must manage bottling plants in either two regions, or in three adjoining regions. A multiplant firm operates more than one plant with sales in the marketing area; it cannot be a national or regional firm. A local firm manages only one plant in the marketing area. All of the firms in a market are either national, regional, multiplant, or local.

3. Vertically-integrated firm. Vertically-integrated firms are organizations that process and distribute their own products directly to consumers and result from the forward integration of a fluid milk processor into retail store ownership or from the backward integration of a retail store into fluid milk processing. These firms may be national, regional, multiplant, or local.

4. Cooperative-owned firm. Cooperative firms are distributing plants owned by farmer cooperatives. While these are a form of vertical integration, they have been broken out separately because they normally do not distribute products directly to consumers. These firms can be national, regional, multiplant, or local.

TABLE A--TOTAL IN-AREA SALES OF FLUID MILK PRODUCTS, NUMBER OF HANDLERS AND PLANTS WITH IN-AREA SALES, AND AVERAGE SIZE HANDLER IN FEDERAL MILK ORDER MARKETING AREAS, BY SIZE GROUP OF MARKETS, DECEMBER 1976 1/

Marketing area size group	: Number of:		Total group:		: Average size	
	: marketing:	In-area	: Number of	: Number of:	Handler:	Plant
	: areas :	sales	: handlers 2/:	plants 2/:		
		1,000 lbs.			1,000 lbs.	
Very Small	: 11	68,697	83	107	828	642
Small	: 9	151,747	85	124	1,785	1,224
Medium	: 10	414,157	205	257	2,020	1,612
Large	: 10	610,775	229	317	2,667	1,927
Very Large	: 10	2,241,945	719	823	3,118	2,724
Total of groups 2/ :	50	3,487,321	1,156	1,388	3,017	2,512

1/ See appendix A for the definition of these size groups.

2/ The number of handlers (firms) and plants for each group and the total represents a figure from which all duplicated handlers or plants have been netted out. For example, if a handler had sales in two marketing areas within the same group, this handler was counted only once.

TABLE B--NUMBER OF FIRMS AND PLANTS WITH IN-AREA SALES OF FLUID MILK PRODUCTS IN EACH GROUP OF FEDERAL MILK ORDER MARKETING AREAS, BY TYPE OF FIRM, DECEMBER 1976 1/ 2/

Marketing area size group	:	Type of firm:									
	:	National		:	Regional		:	Multiplant		:	Local single
	:	Firms	Plants	:	Firms	Plants	:	Firms	Plants	:	plant 3/
Very Small	:	6	22	:	4	10	:	2	4	:	71
Small	:	6	26	:	6	21	:	2	6	:	71
Medium	:	6	34	:	9	25	:	6	14	:	184
Large	:	6	49	:	11	51	:	4	9	:	208
Very Large	:	6	56	:	12	34	:	21	53	:	679
Total of groups	:	6	119	:	12	80	:	33	84	:	1,105

1/ See appendix A for the definitions of these size groups and types of firms.

2/ The number of firms and plants for each group and the total represents a figure from which all duplicated firms or plants have been netted out. For example, if a national firm had a plant operating in each of the Very Small marketing areas, these 11 handlers would be treated as one firm.

3/ By definition, the number of firms and plants for the local type are the same.

TABLE C--NUMBER OF FIRMS AND PLANTS WITH IN-AREA SALES OF FLUID MILK PRODUCTS
IN EACH GROUP OF FEDERAL MILK ORDER MARKETING AREAS: VERTICALLY-
INTEGRATED, OR COOPERATIVE-OWNED, DECEMBER 1976 1/ 2/

Marketing area size group	Vertically- integrated		Cooperative- owned	
	Firms	Plants	Firms	Plants
Very small	5	11	10	16
Small	18	26	5	13
Medium	22	33	7	16
Large	24	42	12	30
Very Large	65	83	24	52
Total of groups	98	143	39	89

1/ See appendix A for the definitions of vertically-integrated, and cooperative-owned.

2/ The number of firms and plants for each group and the total represents a figure from which all duplicated firms or plants have been netted out. For example, if a vertically-integrated firm had sales in two marketing areas in the same group, this firm was counted only once.

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TABLE D--PERCENT OF IN-AREA SALES OF FLUID MILK PRODUCTS IN EACH GROUP OF FEDERAL MILK ORDER MARKETING AREAS AND
RANGE OF PERCENTS OF INDIVIDUAL MARKET IN-AREA SALES ACCOUNTED FOR BY TYPE OF FIRM, DECEMBER 1976 1/

Type of firm 2/	Percent of in-area sales in each group:						Range of percentages of in-area sales in individual markets
	Very :	Small :	Medium :	Large :	Very :	Total :	
	small :				large :		
	Percent						
National	: 22.6	: 22.0	: 33.3	: 27.2	: 16.2	: 20.5	: 0.2-56.5
Regional	: 5.4	: 26.2	: 18.2	: 25.1	: 13.4	: 16.5	: 0 -59.2
Multiplant	: 8.4	: 4.8	: 12.4	: 4.3	: 15.8	: 12.7	: 0 -45.3
Local	: 63.6	: 47.0	: 36.1	: 43.4	: 54.6	: 50.3	: 6.2-96.9
Vertically-integrated	: 6.7	: 11.5	: 18.5	: 16.8	: 22.1	: 20.0	: 0 -23.2
Cooperative-owned	: 17.6	: 23.1	: 10.4	: 16.3	: 10.3	: 12.0	: 0 -78.9

1/ See appendix A for the definitions of these size groups, types of firms, vertically-integrated, and cooperative-owned.

2/ It should be noted that national, regional, multiplant, and local firms represent all firms in a market. Vertically-integrated and cooperative-owned firms can be any of the above types of firms.

MAJOR ORDER ACTIONS, OCTOBER 1979

Amendment:

Tennessee Valley - October 1 (44 FR 53717). A supply plant is allowed to qualify as a pool plant on the basis of both transfers and diversions from the plant to pool distributing plants. However, the credit for diversions should be limited to not more than one-half of the total shipping requirements.

A pool plant operator is allowed to divert milk from his plant to another pool plant on any number of days during the month.

Temporary Revision:

Chicago Regional - October 1 (44 FR 55551). For the months of October and November 1979, the minimum supply plant shipping percentage is reduced from 35 to 30 percent.

Suspension:

Lake Mead - October 4 (44 FR 57066). This action removes for the months of September through December 1979, the requirements that a supply plant must ship at least 50 percent of its receipts to pool distributing plants in order to qualify as a pool plant.

Southern Michigan - October 1 (44 FR 53720). For the months October 1979 through March 1980, this suspension reduces the minimum supply plant shipping percentage from 40 to 30 percent of its receipts that must be shipped to pool distributing plants in order to qualify as a pool plant.

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